This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

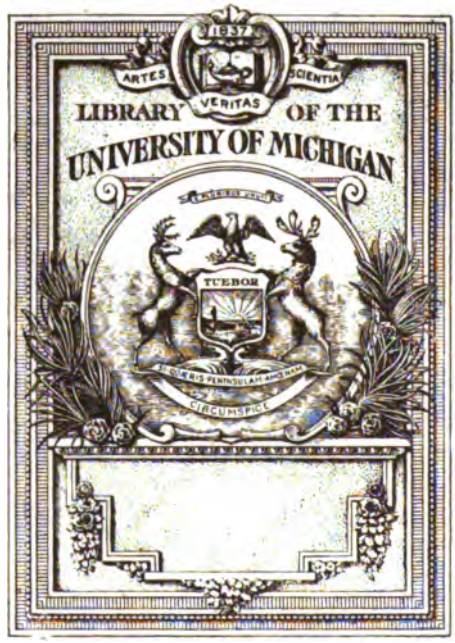
+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

B 452740

Digitized by Google



THE GIFT OF
Mich. Dept. of Labor

Digitized by Google

HC
107
.M5
A31

Digitized by Google

Digitized by Google

Digitized by Google

Our one aim should be to up-hold
the President of the United States
In making it possible for civilization
and humanity, along the lines of
American ideals of government, to be
permanent throughout the world,
and to show that America is united
loyally, to attain that end.

ALBERT E. SLEEPER

Digitized by Google

THIRTY-FIFTH ANNUAL REPORT

OF THE

Mich.

DEPARTMENT OF LABOR

OF THE

STATE OF MICHIGAN

BY AUTHORITY

LANSING, MICHIGAN
WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS
1918

Digitized by Google

Digitized by Google

FORMER BUREAU OFFICIALS.

COMMISSIONERS OF LABOR WITH THEIR TERMS OF OFFICE.

John W. McGrath	May, 1883, to February 28, 1885.
Cornelius V. R. Pond	March 1, 1885, to February 28, 1887.
Alfred H. Heath	March 1, 1887, to February 28, 1891.
Henry A. Robinson	March 1, 1891, to April 1, 1893.
Charles H. Morse	April 13, 1893, to May 1, 1897.
Joseph L. Cox	May 1, 1897, to February 28, 1901.
Scott Griswold	March 1, 1901, to February 28, 1905.
Malcolm J. McLeod	March 1, 1905, to August 15, 1908.
Richard H. Fletcher	August 15, 1908, to June 30, 1911.
Perry F. Powers	July 1, 1911, to June 30, 1913.
James V. Cunningham	July 1, 1913, to June 30, 1917.
Richard H. Fletcher	Appointed July 1, 1917.

DEPUTY COMMISSIONERS.

John Devlin	June 19, 1883, to February 28, 1885.
Frank B. Egan	March 1, 1885, to February 28, 1887.
Chas. E. Barnes	March 1, 1887, to February 28, 1891.
Milo E. Marsh	March 1, 1891, to April 30, 1893.
Joseph W. Selden	May 1, 1893, to May 30, 1894.
H. R. Dewey	June 1, 1894, to February 28, 1897.
John Holbrook	March 1, 1897, to February 28, 1901.
Malcolm J. McLeod	March 1, 1901, to February 28, 1905.
Richard H. Fletcher	March 1, 1905, to August 15, 1908.
Charles H. Johnson	August 15, 1908, to June 30, 1911.
John W. Smith	July 1, 1911, to June 30, 1913.
Chas. E. Hogadone	July 1, 1913, to November 15, 1914.
Fred A. Zierleyn	November 15, 1914, to June 15, 1915.
James F. Hammell	June 15, 1915, to June 29, 1916.
James F. Hammell, Jr.	July 15, 1916, to June 30, 1917.
Fred W. Castator	Appointed July 1, 1917.

331467

Digitized by Google

Digitized by Google

OFFICIAL STAFF OF THE DEPARTMENT OF LABOR.

Commissioner.....R. H. FLETCHER.
Deputy Commissioner.....FRED W. CASTATOR.
Chief Assistant.....MAURICE D. KIRBY.

FACTORY INSPECTORS—MEN.

William Alee, Alpena
Samuel J. Daugherty, Caro.
Gustav Dihle, Detroit.
George H. Downing, Bay City.
William M. Foote, Belding.
William E. Gillen, Jackson.
Fred A. Henry, Flint.
William Henry, Marquette.
Joseph Ivers, Detroit.
Oswald Proctor, Detroit.
Tom F. Rogers, Ravenna.
Frank A. Shuart, Lansing.
Henry Utermalen, Detroit.
Leonard M. Vincent, Port Huron.

FACTORY INSPECTORS—WOMEN.

Mrs. Mary Girardin, Detroit.
Miss Olive Fletcher, Bay City.
Miss Elizabeth Moran, Detroit.

BOAT INSPECTOR.

James McLarty.

COAL MINE INSPECTOR.

Duncan A. Reid.

SPECIAL AGENTS.

Perry J. Ward, Detroit.
R. H. Fletcher, Jr., Bay City.

SUPERINTENDENTS OF MICHIGAN FREE EMPLOYMENT BUREAUS.

Battle Creek, John R. Sallows.
Bay City, George A. Hawkins.
Detroit, Henry A. Nies;
Assistants, W. E. Cunningham.
Melba V. Lee.
Flint, Charles H. Hamelin.
Grand Rapids, Edward O'Donnell.
Jackson, John R. Chrimes.
Lansing, James P. Donovan.
Muskegon, William H. Smith.
Saginaw, Terry Kelly.

OFFICE STAFF.

STENOGRAPHERS.

Mrs. Ruth Russell Davis.
Miss Cecile R. Cooper.
Miss Stella F. McLeod (Detroit office).

CLERKS.

Samuel B. Mullen.
Mrs. Julia M. Ruen.

MESSENGER.

Charles Campbell.

Digitized by Google

Digitized by Google

ANNUAL REPORT

OF THE

COMMISSIONER OF LABOR.

To the Governor:

Lansing, Michigan, March 31, 1918.

Honorable Albert E. Sleeper, Governor of Michigan,

Dear Sir:—I herewith submit for your consideration, in compliance with Section 2 of Act 285 of P. A. of 1909, as amended, the Thirty-fifth annual report of the Department of Labor, being the business of the year ending March 31, 1918.

The efforts of the Commissioner of Labor and his Deputies were met with a very much larger degree of public favor and public approval than ever before. There can be no question but that when the world-wide war is over there will be a nation-wide demand that there shall be a more equitable distribution of the burdens and privileges of life. It is hardly to be expected that longer delay to this demand for industrial and social justice will be altogether satisfactory to labor, nor will it be denied that the influence of this demand is tangible and insistent, and that more and more it will be effective in providing desirable results and improved conditions.

It was discovered shortly after accepting the commissionership on July 1, 1917, that there was a lack of safety and sanitary standards for the guidance of the inspection force. It therefore became evident, if the Deputy factory inspectors sent out by the Department were to be of any service to the industries of the State of Michigan, that suitable standards should be drafted which would enable the deputy factory inspector to act with more uniform intelligence and reasonableness than they otherwise could. Acting upon that, a very extensive investigation was made into the causes that contributed to the great number of accidents occurring from day to day, even after the most painstaking efforts of the officials who are charged with the duty of reducing accidents to the minimum. A number of facts were brought out that are of great interest and value to those engaged in the furtherance of safety movements and the avoidance of accidents in the manufacturing industries of the State.

After careful study of the conditions found, it was thought advisable to call the employers' attention to their duties to the employees. I personally could see no reason why an institution should not furnish a place of employment which would be safe for employees therein, and frequenters thereof, and which should furnish and use safety devices and

Digitized by Google

safe guards, and adopt and use methods and processes reasonably adequate to render such employment and places of employment safe.

It cannot be too strongly impressed upon the owner, or his agent or his superintendent, or any other person in charge of foundry, warehouse, storeroom, or any place where labor is employed, that in no case should any employee be allowed or permitted to remove, displace, damage, destroy or carry off any safety device or safeguard furnished and provided for use in any employment or place of employment, nor interfere in any way with the use thereof, by any other person, nor shall any employee be permitted to interfere with the use of any method or process adopted for the protection of any employee in such employment or place of employment, or frequenter of such place of employment, nor fail or neglect to do every other thing reasonably necessary to protect the life, health, safety, or welfare of such employees or frequenters.

Labor conservation at all times means much to society; but at this particular time, when the agencies of production are taxed to what may be termed the breaking point of human effort, it is of vital importance to our government now and for the future carefully to put this policy into practice, for with the ending of the war the nation that has best conserved its labor power will forge to the front commercially on account of the advantage it will have in production.

Conservation of labor makes for both an adequate and a greater efficiency, two things which are most essential for the successful prosecution of the war and absolutely necessary if we hope to hold our own in the grasp for trade that will ensue after the war is over.

It was strongly impressed upon the managers, superintendents and foremen of every manufacturing establishment through our deputy factory inspectors, that the man who is not over-fatigued at the end of the day's work, the well-paid contented man, the man with a grievance, right or wrong, who has assurance that he can get a respectful hearing, will be the greatest medium through which to conserve labor. These things tend to minimize sickness and create incentive for alertness while producing, which in turn prevents accidents and gives ambition to expend the full amount of energy in the given time for a day's work when it is reasonable.

On the other hand, the man who has long hours, who is over-fatigued and who works under conditions that are more or less hazardous, has no thought other than a perfunctory performance of his task.

Digitized by Google

WOMEN WAGE EARNERS

The most important question that the Labor Department has to deal with is that which has to do with women wage earners. The world war has brought about a revolution in women's work. Woman's tendency to venture more and more into traditional occupations of men received an enormous acceleration when the first soldiers were called to the colors abroad. Thousands of women are now working in occupations that not even the most advanced suffragist ever asked to be thrown open to them. There is literally not a thing that man has done that women are not now doing. This is not only true of manufacturing work and the professional and business occupations, but it is also true of the hardest kind of mechanical and laboring work.

So there has arisen the most vital problem that has ever faced the Department and the State. Women have been employed in some occupations in which men only were formerly employed, and for which little or no protection was provided by law. Again in some cases new dangers have developed for which former laws made no specific provisions.

In 1916 there was employed in the work shops and factories in Michigan 72,613 women, 14 years of age and over pursuing gainful occupations, of whom 72,063 were over 16 years of age.

In all groups of occupations the number of women to each man has increased, or the number of men to the number of women has decreased since the beginning of the war. The change in some instances has been remarkably abrupt, and must continue to be increasingly so.

The specification question asked: What will be the reactions between this excessive and abrupt employment of women, the diminuation in the number of working men, and the effect upon labor conditions generally throughout the State.

A great number of industries throughout the State have sought to break down the standards regarding the hours of labor women and children are permitted to work in gainful occupations. The British official report, states that "given the necessity for this it has been the business of the government to see that the relaxations in hours of labor should react with a minimum of evil results upon health, although the period during which women have been employed under war-time stress is too short for some of the less obvious effect of occupational influences upon their health to be measured, there is a considerable body of evidence that the work of the present day is overtaxing their strength.

The engagement of women in the manufacturing of war meterials, for instance, presents many features of outstanding interest. There, workers include dressmakers, laundry workers, textile workers, domestic servants, electrical workers, shop assistants, women and girls of every social grade and of no previous wage earning experiences. The danger of industrial employment to these workers include not only the risk of injury from accident but also the risk to health arising from the conditions under which an industry may be conducted. The chief perils are the lack of air, the presence of poisonous or irritating fumes, contact with

Digitized by Google

poisonous materials, exposure to unnatural temperature or degrees of moisture and machinery.

The routine of attending a machine involves strain enough at best. If the degree of attention necessary at the outset continued through any extended period, the strain would be destructive. This is the more true the higher the original quality of the nervous system concurred. For a normally constituted person such a continued strain would be impossible without grave danger.

As today the metal trades are in the ascendency, it is pertinent to remark that the hazard to women in these industries is distinct and considerable; that when men and women work at the same task its dangers menace the women much more seriously.

The dangers from machinery were most marked in the various metal working trades, and in paper box making. The most frequent risk was in connection with various forms of power or stamping presses, and the corner staying machines in box factories. In both cases the danger arises from the fact that in adjusting her work the operator's hands must approach or reach a spot at which a few seconds later a crushing blow is to be delivered by a metal stamp or die. The danger of accident or miscalculation is obvious.

CHILD LABOR

It is a source of pleasure to be able to record the favorable attention that has been given to Michigan during the last year, and the kindly references that have been made to this State by the national government as well as a great number of publications interested in the subject, through the fact that it is one of the few states possessed of a child labor law to any degree responsive to the present status of public opinion and widespread demand on that question. It should not be insisted upon or even admitted that the prohibition and regulation now provided for in our statutes with reference to Child Labor represent the forward limit of public need and public requirements on that question.

Our present state law on that subject was strengthened at the last session of the legislature, which provided that no child under 15 years of age shall be employed, permitted or suffered to work in or in connection with any mercantile institution, store, office, hotel, laundry, manufacturing establishment, mine, bowling alley, billiard or pool room, theater, passenger or freight elevator, factory or workshop, telegraph or messenger service. However, this section does not prohibit a child of 14 years or over from working on Saturday or other days during the school year outside of school hours or during the established vacation period.

The compulsory school law of our state assists in the enforcement of this requirement, and provides a greatly appreciated reinforcement to our general child labor regulations as does the United States Child Labor Law, which became effective September 1st, 1917.

At a conference of state officials held in Washington on July 27th,

Digitized by Google

1917, at which officials from 29 states were present, the motion that it was the sense of the conference that it would be mutually helpful if state officers were deputized under the United States Child Labor Law was unanimously carried. In accordance with that vote the Secretary of Labor approved the deputizing or commissioning as inspectors under the United States Child Labor Act of the state officers who are charged under the state statutes with the enforcement of the State Child Labor Laws. The powers which this commission gave the commissioner of labor and deputy factory inspectors are those enumerated in Sec. 3, Act and Regulation 9 of the Rules and Regulations approved by the Board of Secretaries on August 14th, 1917.

RULES AND REGULATIONS FOR CARRYING OUT THE PROVISIONS OF AN ACT OF THE CONGRESS OF THE UNITED STATES APPROVED SEPTEMBER 1, 1916, ENTITLED "AN ACT TO PREVENT INTERSTATE COMMERCE IN THE PRODUCTS OF CHILD LABOR, AND FOR OTHER PURPOSES."

Regulation 1. Certificates of Age.

Certificates of age, in order to protect the producer, manufacturer, or dealer from prosecution, shall be either:

1. *Federal age certificates issued by persons hereafter to be designated by the board for children between 16 and 17 years of age when employment in or about a mine or quarry is contemplated and for children between 14 and 16 years of age when employment in a mill, cannery, workshop, factory, or manufacturing establishment is contemplated. Such certificates shall contain the following information: (1) Name of child; (2) place and date of birth of child, together with statement of evidence on which this is based, except when a physician's certificate of physical age is accepted by the issuing officer, in which case physical age shall be shown; (3) sex and color; (4) signature of child; (5) name and address of child's parent, guardian, or custodian; (6) signature of issuing officer; and (7) date and place of issuance.*

2. *Employment, age, or working certificate, permit, or paper issued under State authority in such States as are hereafter designated by the board.*

Regulation 2. Proof of Age.

Persons authorized by the board to issue age certificates under the authority of this act shall issue such certificates only upon the application in person of the child desiring employment, accompanied by its parent, guardian, or custodian, and after having received, examined, and approved documentary evidence of age showing that the child is 14 years of age or over if employment in a mill, cannery, workshop, factory, or manufacturing establishment is contemplated, or that the child is between 16 and 17 years of age if employment in or about a mine or quarry is contemplated; which evidence shall consist of one of the fol-

Digitized by Google

lowing-named proofs of age, to be required in the order herein designated, as follows:

(a) A birth certificate or attested transcript thereof issued by a registrar of vital statistics or other officer charged with the duty of recording births.

(b) A record of baptism or a certificate or attested transcript thereof showing the date of birth and place of baptism of the child.

(c) A bona fide contemporary record of the date and place of the child's birth kept in the Bible in which the records of the births in the family of the child are preserved, or other documentary evidence satisfactory to the Secretary of Labor or such person as he may designate, such as a passport showing the age of the child, a certificate of arrival in the United States issued by the United States immigration officers and showing the age of the child, or a life insurance policy; provided that such other satisfactory documentary evidence has been in existence at least one year prior to the time it is offered in evidence; and provided further that a school record or a parent's, guardian's, or custodian's affidavit, certificate, or other written statement of age shall not be accepted except as specified in paragraph *(d)*.

(d) A certificate signed by a public-health physician or a public-school physician, specifying what in the opinion of such physician is the physical age of the child; such certificate shall show the height and weight of the child and other facts concerning its physical development revealed by such examination and upon which the opinion of the physician as to the physical age of the child is based. A parent's, guardian's, or custodian's certificate as to the age of the child and a record of age as given on the register of the school which the child first attended or in the school census, if obtainable, shall be submitted with the physician's certificate showing physical age.

The officer issuing the age certificate for a child shall require the evidence of age specified in subdivision *(a)* in preference to that specified in any subsequent subdivision and shall not accept the evidence of age permitted by any subsequent subdivision unless he shall receive and file evidence that the evidence of age required by the preceding subdivision or subdivisions can not be obtained.

Regulation 3. Authorization of Acceptance of State Certificates.

States in which the age, employment, or working certificates, permits, or papers are issued under State authority substantially in accord with the requirements of the act and with regulation 2 hereof may be designated, in accordance with section 5 of the act, as States in which certificates issued under State authority shall have the same force and effect as those issued under the direct authority of this act, except as individual certificates may be suspended or revoked in accordance with regulations 4 and 8. Certificates in States so designated shall have this force and effect for the period of time specified by the board, unless in the judgment of the board the withdrawal of such authorization at an earlier date seems desirable for the effective administration of the act. Certificates requiring conditions or restrictions additional to those required by the Federal act or by the rules and regulations shall not be deemed to be inconsistent with the act.

Digitized by Google

Regulation 4. Suspension or Revocation of Certificates.

Section 1. Whenever an inspector duly authorized under this act shall find that the age of a child employed in any mill, cannery, workshop, factory, manufacturing establishment, mine, or quarry as given on a certificate is incorrect, or that the time record is not kept in accordance with regulation 8, he shall notify the child, the employer, and the issuing officer that the certificate or the acceptance of a State certificate for the purposes of this act is suspended and indicate such suspension on the certificate or certificates.

Sec. 2. A statement of the facts for which the suspension was made shall be forwarded by the inspector to the Secretary of Labor, or such person as he may designate, who will either *(a)* revoke or withdraw the certificate or the acceptance of the certificate, or *(b)* veto the suspension, as in his judgment the facts of the case warrant.

Due notice shall be sent to the child's parent, guardian, or custodian, to the employer, and to the issuing officer of the action taken in regard to a suspended certificate.

Sec. 3. If the suspension of a certificate be vetoed, a new certificate shall be issued upon the surrender of the one suspended. If for any reason such new certificate can not be obtained from a State issuing officer, the notice of the veto if attached to a suspended certificate shall be recognized and accepted as meeting the requirements of section 5 of the act.

Regulation 5. Revoked or Suspended Certificates.

A revoked or suspended certificate will not protect a producer, manufacturer, or dealer from prosecution under section 5 of the act after notice of such suspension or revocation, except as provided in regulation 4.

Regulation 6. Hours of Employment.

In determining whether children between 14 and 16 years of age have been employed more than eight hours in any day the hours of employment shall be computed from the time the child is required or permitted or suffered to be at the place of employment up to the time when he leaves off work for the day, exclusive of a single continuous period of a definite length of time during which the child is off work and not subject to call.

Regulation 7. Days of Employment.

A child may not be employed for more than six consecutive days.

Regulation 8. Time Record.

Section 1. A time record shall be kept daily by producers or manufacturers, showing the hours of employment in accordance with regulation 6, for each and every child between 14 and 16 years of age, whether employed on a time or a piece-rate basis.

Sec. 2. Certificates of age for children employed in any mine or quarry or in any mill, cannery, workshop, factory, or manufacturing establishment may be suspended or revoked for failure on the part of

Digitized by Google

a manufacturer or producer to keep time records as required by this regulation or for false or fraudulent entries made therein.

Regulation 9. Inspection.

An inspector duly authorized under this act shall have the right to enter and inspect any mine or quarry, mill, cannery, workshop, factory, or manufacturing establishment, and other places in which goods are produced or held for interstate commerce; to inspect the certificates of age kept on file, time records and such other records of the producer or manufacturer as may aid in the enforcement of the act; to have access to freight bills, shippers' receipts, or other records of shipments in interstate or foreign commerce kept by railroads, express companies, steamship lines, or other transportation companies so far as they may aid in the enforcement of the act.

Regulation 10. Obstructing Inspection.

Section 1. It shall be the duty of a producer or manufacturer to produce for examination by an inspector the certificates of age kept on file and any child in the employ of a manufacturer or producer whom the inspector may ask to see. Concealing or preventing or attempting to conceal or prevent a child from appearing before an inspector or being examined by him or hindering or delaying in any way an inspector in the performance of his duties shall be considered an obstruction of inspection within the meaning of section 5.

Sec. 2. No owner, manager, or other person in charge of premises or records shall be subject to prosecution for obstruction of inspection if the inspector shall refuse upon request to submit his identification card for examination by such owner, manager, or other person.

Regulation 11. Removal.

Withdrawal for any purpose of an article or commodity from the place where it was manufactured or produced constitutes a removal thereof within the meaning of the act; and the 30-day period within which employment of children contrary to the standards prescribed in section 1 of the act results in prohibiting shipment in interstate or foreign commerce shall be computed from that time.

Regulation 12. Guaranty.

Section 1. A guaranty to protect a dealer from prosecution under section 5 of the act shall be signed by and contain the name and address of the manufacturer or producer; it shall be specific, covering the particular goods shipped or delivered for shipment or transportation, and shall not be a general guaranty covering all goods manufactured or produced or to be manufactured or produced by the guarantor. It may be incorporated in or attached to or stamped or printed on the bill of sale, bill of lading, or other schedule that contains a list of the goods which the manufacturer or producer intends to guarantee.

Sec. 2. A dealer shipping goods from a State other than the State

Digitized by Google

of manufacture or production does not require a guaranty in order to be protected from prosecution. (See Sec. 6 of the act.)

SEC. 3. A guaranty substantially in accordance with the following forms will comply with the requirements of the act:

For products of mines or quarries—

(I or we), the undersigned, do hereby guarantee that the articles or commodities listed herein, (or specify the same) were produced by (me or us) in a mine or quarry in which within 30 days prior to removal of such product therefrom [1] no children under the age of 16 years were employed or permitted to work.

(Name and place of business of producer or manufacturer.)

(Date of removal.)

For products of a mill, cannery, workshop, factory, or manufacturing establishment—

(I or we), the undersigned, do hereby guarantee that the articles or commodities listed herein (or specify the same) were produced or manufactured by (me or us) in a (mill, cannery, workshop, factory, or manufacturing establishment) in which within 30 days prior to the removal of such product therefrom [1] no children under the age of 14 years were employed or permitted to work, nor children between the ages of 14 years and 16 years were employed or permitted to work more than eight hours in any day or more than six days in any week, or after the hour of 7 o'clock p. m. or before the hour of 6 o'clock a. m.

(Name and place of business of producer or manufacturer.)

(Date of removal.)

REGULATION 13. ALTERATION AND AMENDMENT OF REGULATIONS.

These regulations may be altered or amended at any time without previous notice by the board as constituted in section 2 of the act.

[PUBLIC—No. 249—64TH CONGRESS.]

[H. R. 8234.]

AN ACT TO PREVENT INTERSTATE COMMERCE IN THE PRODUCTS OF CHILD LABOR, AND FOR OTHER PURPOSES.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That no producer, manufacturer, or dealer shall ship or deliver for shipment in interstate or foreign commerce any article or commodity the product of any mine or quarry, situated in the United States, in which within thirty days prior to the time of the removal of such product therefrom children under the age of sixteen years have been employed or permitted to work, or any article or commodity the product of any mill, cannery, workshop, factory, or manufacturing establishment, situated in the United States, in which within thirty days prior to the removal of such product therefrom children under the age of fourteen years have been employed or permitted to work, or children between the ages of fourteen years and sixteen years have been employed or permitted to work more than eight hours in any day, or more than six days in any week, or after the hour of seven o'clock postmeridian, or before the hour of six o'clock antemeridian: *Provided,* That a prosecution and conviction of a defendant for the shipment or delivery for shipment of any article or commodity under the conditions

[1] During the month of September 1917, a manufacturer or producer may substitute for the clause "within 30 days prior to the removal therefrom" the clause "on and after September 1, 1917."

Digitized by Google

herein prohibited shall be a bar to any further prosecution against the same defendant for shipments or deliveries for shipment of any such article or commodity before the beginning of said prosecution.

SEC. 2. That the Attorney General, the Secretary of Commerce, and the Secretary of Labor shall constitute a board to make and publish from time to time uniform rules and regulations for carrying out the provisions of this act.

SEC. 3. That for the purpose of securing proper enforcement of this act the Secretary of Labor, or any person duly authorized by him, shall have authority to enter and inspect at any time mines, quarries, mills, canneries, workshops, factories, manufacturing establishments, and other places in which goods are produced or held for interstate commerce; and the Secretary of Labor shall have authority to employ such assistance for the purposes of this act as may from time to time be authorized by appropriation or other law.

SEC. 4. That it shall be the duty of each district attorney to whom the Secretary of Labor shall report any violation of this act, or to whom any State factory or mining or quarry inspector, commissioner of labor, State medical inspector, or school-attendance officer, or any other person shall present satisfactory evidence of any such violation to cause appropriate proceedings to be commenced and prosecuted in the proper courts of the United States without delay for the enforcement of the penalties in such cases herein provided: *Provided,* That nothing in this act shall be construed to apply to bona fide boys' and girls' canning clubs recognized by the Agricultural Department of the several States and of the United States.

SEC. 5. That any person who violates any of the provisions of section one of this act, or who refuses or obstructs entry or inspection authorized by section three of this act, shall for each offense prior to the first conviction of such person under the provisions of this act, be punished by a fine of not more than $200, and shall for each offense subsequent to such conviction be punished by a fine of not more than $1,000, nor less than $100, or by imprisonment for not more than three months, or by both such fine and imprisonment, in the discretion of the court: *Provided,* That no dealer shall be prosecuted under the provisions of this act for a shipment, delivery for shipment, or transportation who establishes a guaranty issued by the person by whom the goods shipped or delivered for shipment or transportation were manufactured or produced, resident in the United States, to the effect that such goods were produced or manufactured in a mine or quarry in which within thirty days prior to their removal therefrom no children under the age of sixteen years were employed or permitted to work, or in a mill, cannery, workshop, factory, or manufacturing establishment, in which within thirty days prior to the removal of such goods therefrom no children under the age of fourteen years were employed or permitted to work, nor children between the ages of fourteen years and sixteen years employed or permitted to work more than eight hours in any day or more than six days in any week or after the hour of seven o'clock postmeridian or before the hour of six o'clock antemeridian; and in such event, if the guaranty contains any false statement of a material fact, the guarantor shall be amenable to prosecution and to the fine or imprisonment pro-

Digitized by Google

vided by this section for violation of the provisions of this act. Said guaranty, to afford the protection above provided, shall contain the name and address of the person giving the same: *And provided further,* That no producer, manufacturer, or dealer shall be prosecuted under this act for the shipment, delivery for shipment, or transportation of a product of any mine, quarry, mill, cannery, workshop, factory, or manufacturing establishment, if the only employment therein, within thirty days prior to the removal of such product therefrom, of a child under the age of sixteen years has been that of a child as to whom the producer or manufacturer has in good faith procured, at the time of employing such child, and has since in good faith relied upon and kept on file a certificate, issued in such form, under such conditions, and by such persons as may be prescribed by the board, showing the child to be of such an age that the shipment, delivery for shipment, or transportation was not prohibited by this act. Any person who knowingly makes a false statement or presents false evidence in or in relation to any such certificate or application therefor shall be amenable to prosecution and to the fine or imprisonment provided by this section for violations of this act. In any State designated by the board, an employment certificate or other similar paper as to the age of the child, issued under the laws of that State and not inconsistent with the provisions of this act, shall have the same force and effect as a certificate herein provided for.

SEC. 6. That the word "person" as used in this act shall be construed to include any individual or corporation or the members of any partnership or other unincorporated association. The term "ship or deliver for shipment in interstate or foreign commerce" as used in this act means to transport or to ship or deliver for shipment from any State or Territory or the District of Columbia to or through any other State or Territory or the District of Columbia or to any foreign country; and in the case of a dealer means only to transport or to ship or deliver for shipment from the State, Territory, or district of manufacture or production.

SEC. 7. That this act shall take effect from and after one year from the date of its passage.

MEMORANDUM FOR STATE OFFICIALS COMMISSIONED UNDER THE UNITED STATES CHILD LABOR ACT.

A number of inquiries have come to this Division with reference to the evidence on which prosecutions for violations of the United States Child Labor Law may be filed. Some state officers who discover violations of the standards of hours and ages laid down in Section 1 of the Federal Act desire that the evidence of removal and shipment be secured by this Division. This we shall be glad to do although it may not always be possible to make the necessary investigation during the 30-day period following the discovery of the violations. Reports and requests from state officers will, however, be given the promptest possible consideration. Some state officers have expressed the desire to complete the evidence on the cases they discover and it is for the assistance of these and as a matter of general information that the inclosed statement is sent you.

Digitized by Google

MEMORANDUM FOR STATE OFFICERS SENT IN RESPONSE TO A NUMBER OF INQUIRIES AS TO THE PRACTICE THE CHILD LABOR DIVISION IS FOLLOWING IN SUSPENDING FEDERAL CERTIFICATES OR THE ACCEPTANCE FOR THE PURPOSES OF THE FEDERAL ACT OF STATE CERTIFICATES IN DESIGNATED STATES.

Inspectors for this Division are instructed to suspend on the following grounds:

Suspension of Certificates.—Inspectors of the Child Labor Division are instructed to suspend Federal certificates or the acceptance for the purposes of the Federal Act of State certificates on the following grounds:

(1) If inspector finds upon investigation that the child's age is incorrectly recorded on the certificate.

(2) If a manufacturer or producer does not keep a time record as provided for in Regulation 8.

(3) If the documentary evidence required under the State law in a designated State or under Regulation 2 in a State in which Federal certificates are issued is obtainable and was not submitted and passed on by the issuing officer.

Notice of suspension, on the appropriate blank forms will be sent (1) to the child, (2) the employer, (3) the issuing officer; and a notice, together with full statement of facts, will also be sent the Director of the Child Labor Division. On the basis of this report the action taken will be either (1) *revocation of certificates* or (2) *veto of inspector's action* in suspending certificates.

What is necessary to show violation of the United States Child Labor Act:

(1) Transportation, shipment or delivery for shipment in interstate or foreign commerce from the state of manufacture or production by a manufacturer, producer, or dealer, together with proof of

(2) Employment of children in a mine, quarry, mill, factory, etc., contrary to the standards laid down in Section 1 of the Act, together with proof of

(3) Removal of the products so transported, etc., within a period of 30 days subsequent to the time that the standards of the employment of children as laid down in Section 1 of the Act were found to have been violated.

If in the course of an inspection of an industry evidence of the violation of the standards of hours or ages is discovered specific evidence of (1) and (3) must then be secured. If children who are under 14 years of age are found employed in a factory, mill, workshop, etc., or under 16 years of age employed in a mine or quarry, but the employer has recognized certificates of age on file showing the children to be over 14 years of age in the case of the former or over 16 years of age in the case of the latter, the employer is protected against prosecution under

Digitized by Google

the Federal Act. In such cases certificates can be suspended and subsequent employment of the children would render the employer liable.

Proof of Removal.—See Regulation 11.—The inspector should witness a removal of the products *after* making his inspection of the mine or factory. A record should be made of (a) the name of the shipping clerk or other persons concerned with removal and (b) the time of removal. The goods removed and their destination should be noted so that freight bills and invoices covering the same goods can be secured. In every case the removal reported should be subsequent to the discovery of children employed in violation of the standards laid down in Section 1 of the Act, although it may be on the same day. If removal is made to a warehouse or storeroom for storage before shipment this constitutes a "removal" within the terms of the Act. It is easier to complete the evidence if a removal destined for immediate shipment is witnessed. If removal to warehouse occurs, identifying marks should be noted so that shipment of the same goods can be traced.

Proof of shipment in interstate or foreign commerce.—The inspector should ascertain whether the shipment is made by a dealer or by the producer or manufacturer. Shipment is established by the records of the carrier and by invoices of the producer or manufacturer. Access to these records is given the inspector by Section 3 of the Act and Regulations 9 and 10. Evidence of two or more shipments should be procured when possible.

Copies of the freight or way bill for the goods whose removal was witnessed by the Inspector should be made.—Forms will be furnished for this purpose on request. If a copy is made by agent on the railroad form this is acceptable. District Attorneys very frequently request the names and addresses of employees of the railroad over which shipment was made in order that subpoenas may be issued to such parties requiring them to produce original way bills or other records necessary to establish an interstate transaction. In the space provided for that information the inspector should always include the name and address of the station agent at the point of destination, and by inquiry of the agent ascertain and report the name and address of the auditor or other official to whom the original way bill or similar record is referred for filing after the consignment has been delivered to the consignee. A subpoena *duces tecum* issued upon the auditor does not necessarily require his personal attendance as a witness. The attendance of some clerk in the office with a knowledge of the records will suffice.

Copy of Invoices covering goods whose removal was witnessed.—For use as evidence to establish the interstate shipment, or delivery for shipment, the original or a copy of the invoice covering the consignment whose removal was witnessed by the inspector should be obtained at the mine, factory, mill, etc. Forms for copying such invoices will be supplied on request.

Proof of age and hours employed.—This would be the same as under the state laws. A certified copy of a birth or baptismal record should be submitted if it can be secured. Bible records and passports are also very good evidence. If none of these is obtainable a parent's affidavit should be secured. A statement as to school records or other evidence of age may also be submitted.

Digitized by Google

Hours of work.—If employment of children between 14 and 16 years of age for more than eight hours is alleged, statement as to

(1) What time-record shows. (An identifying description of the time-record should, if possible, be given.)
(2) What inspector himself observed.
(3) If (1) or (2) cannot be furnished, the names of responsible adults who have first hand evidence of hours children were employed should be submitted with report. If employment after 7 p. m. or before 6 a. m. is alleged the same rule should be followed. If inspector, himself, witnessed the employment, exact hour and nature of employment should be stated.

Legal name of establishment necessary.—In order to file the necessary information the United States Attorney must have the name of the firm under which the business is conducted. State specifically whether the concern is a partnership, corporation, or joint stock company. Give place of incorporation and the full names of the principal officers. If it is a partnership give the full names of the members. If the shipment is made by a dealer these facts should also be given about the dealer.

MICHIGAN FREE EMPLOYMENT OFFICES.

As long as men and women have to pay for the opportunity of getting employment, we must assume the position as direct competitor of the private employment agencies. No employment is created by reason of the State going into the Free Employment Agency business, nor does the State Free Employment Bureau solve any unemployment problems. The duty that confronts the superintendent of the Free Employment Bureau is to enable employer to get in touch with the right kind of help and at the same time save the person seeking employment an enormous cost in money. Often an employer wants a particular class of workmen and can get them only by advertising. Then what is the result? He gets all kinds of answers for that particular class; a confusing group, and very hard to choose from. On the other hand a man may have been tramping the streets in search of work for weeks, and when he finally gets it, learns that his employer has been looking for just such a man for months. These are the reasons that brought into existence the State Free Employment Bureau.

Although these free employment bureaus are maintained for all the people of the state, one of the greatest difficulties we have to contend with, is how to handle applicants living outside the towns in which offices are maintained. In a great many cases the employer wants to interview several applicants, and the wages, hours of work and living conditions have to be explained so there will be no misunderstanding. When an out-of-town applicant writes that he wants to go on a particular job, we can not ask him to pay his way to town on the chance that the employer may take him. If an applicant spent time and money on a fruitless effort he would naturally hold the office to blame, so we find that the

Digitized by Google

applicant on hand generally gets the job and each particular office is maintained practically for the benefit of the residents of that city. The only feasible remedy apparent is to establish a free employment office in the city where a private agency has found it profitable.

The solution of the employment problem is of the greatest importance to the individual, but in times such as we are now passing through, it is of even greater importance to the nation.

. The year from December 1st, 1916, to November 30th, 1917, constituted the greatest period of activity and accomplishment in the existence of the Michigan Free Employment Bureau. The vital question that is facing us at all times and one to which we give a great deal of thought and study, is that of unemployment. The Michigan Free Employment Bureau was created for the fundamental purpose of eliminating a great and useless human waste. This waste is the energy expended in the seeking of employment by men and women who are willing to work, but through their limited opportunities are unable to learn where they may find employment for which they are best adapted. While time and energy are being wasted by the capable workers seeking employment, it is probably safe to assume that in normal times and at various localities, economic waste is accumulating in the mills and workshops of employers who have work to be performed and are unable to procure employees for its proper performance. This is likewise true of the conditions found on the farm.

During the months of May, June, July and August the activities of the ten employment bureaus were largely securing labor for farms, through the state. The superintendents in charge of the various offices were instructed to subordinate everything to this work, because of the great importance to the State and to the nation at this critical time. During the year there were 8,205 men placed on farms.

No better recommendation could be had for the Department's activities in behalf of the assistance furnished by the Department to the farmers during the busy season than is provided through the following letter from C. L. Brady, County Agricultural Agent of St. Clair county, addressed, Michigan Free Employment Bureau, 52 W. Larned St., Detroit.

The time during the months of July and August was almost entirely occupied with the farm labor problem, and this, together with other work in the field, has made it impracticable to keep the public informed through the papers regarding the progress of county agent work during the past three months. On this account, perhaps a review of the activities of the office in connection with the farm labor problem will be of interest.

An extreme effort has been put forth to keep St. Clair county farmers supplied with help this summer, but during the latter part of July and the first half of August it was impossible to keep up with the demand. The cold, wet weather in the early part of the season made the farmer reluctant to accept help, and when good weather did arrive over fifty applications for men came to the office in the space of three or four days. Continual advertising was done locally for farm hands and from three to five trips to Detroit per week were made to bring them out. A few men have been obtained from Port Huron and vicinity, but about 90 per

Digitized by Google

cent of all those secured have been obtained from the Michigan Free Employment Office at Detroit. Up to the present time a total of 107 men have been secured and located on farms in St. Clair county. The farmers, together with the number of men furnished them, are given below by townships:

WALES.

Wesley Boss, 1
William Webb, 2
Alex. Campbell, 3
J. H. Freleigh, 1
Daniel Dolan, 1
Earl Lewis, 1
Mr. Siegner, 1

GOVERNMENT BEAN PLAT.

Webb Farm, Goodells, 2
Carleton Dunsmore, 1
Mr. Spencer, 1
George Morton, 1
A. J. Bishop, 4
Lewis Kendall, 1

MUSSEY

Fred Leebuhr, 2
Albert Tosch, 1
William Baurers, 1
Walter Shearsmith, 2
George Chapman, 2
Frank Kegler, 1
B. J. Wade, 2
Otto Graeber, 1
Fred Standel, 1
John Smith, 1
Alvin Balden, 1

KENOCKEE.

William Hilbourn, 2
Mrs. C. Mason, 1
John Purtell, 3
James O'Mara, 2
William O'Mara, 2
John Monohan, 1
William Cogley, 1

RILEY

Edward Butler, 1
Henry Dysinger & Son, 1
Thomas Apley, 1
Michael Abbott, 2
Thomas McMann, 1
Freeman Snyder, 1
Barney Burns, 1
John McInerney, 2

GRANT.

Arthur Spaulding, 2
Ralph Babcock, 1
F. Merchant, 1
Ed. O'Connor, 1
Alex. Bartrem, 2
Chas. Werkmeister, 2
Lee Monroe, 1

BERLIN.

William Boetcher, 1
Nelson VanBuskirk, 1
Clark Reynolds, 2
Howard Smith, 2
Sherman Sharrard, 1

COLUMBUS.

F. B. Tinsman, 2
Richard Dolan, 2
William Ivens, 1
Arthur Zimmer, 1

PORT HURON.

Chas. Babcock, 2
Philip Stein, 1
Miss Bell, 2

EMMETT.

Chas. Jurn, 1
Joseph O'Connor, 1
Daniel Foley, 2

CLYDE.

M. O. Hitchings, 2
George Brakeman, 1
Julius Baker, 1

Digitized by Google

KIMBALL.

A. E. Stevenson, 2
Solomon Hart, 2

LYNN.

Irvin Grabiel, 2
William Meikle, 1

FORT GRATIOT.

Karl Wohlberg, 3

CASCO.

Henry Muggleberg, 2

ST. CLAIR.

F. E. Douglas, 1

CHINA.

John Robinson, 1

In all cases where more than two men were furnished on one farm, it was because the first ones either did not prove satisfactory, or did not stay, thus making it necessary to bring others to take their place. A summary of the above lists shows that sixteen of the twenty-three townships in St. Clair county were reached with this project, and that they rank in respect to the number of men obtained in the following order: Wales 20, Mussey 15, Kenockee 12, Riley 10, Grant 10, Berlin 6, Columbus 6, Port Huron 5, Emmett 4, Clyde 4, Kimball 4, Lynn 3, Fort Gratiot 3, Casco 3, St. Clair 1, and China 1.

A review of the records shows that applications were made for a total of 125 men, and that the 106 obtained constituted 86 per cent of the number asked for. In selecting the 106, fully that many more who presented themselves were discarded as unfit. It was made a practice not to hire a man unless he appeared to be reasonably clean and had had some experience. In handling so many, however, some mistakes were bound to occur especially in regard to the latter requirement, and these were responsible for the most part for the inefficient men mentioned above.

The requests were recorded as they came to the office, and as nearly as possible were filled in the same order. It was not always practicable to do this, however, as frequently it was necessary, in order to hold a number of men who were acquainted, to locate them conveniently near each other; at other times farmers would be waiting at the office when the County Agent arrived with the hands and hire them in spite of his efforts to observe the priority of applications; it should be remembered, too, that in this total of 106 men were included all ages, types, classes, and kinds of dispositions, and the success of the venture many times depended largely upon getting a certain man in the right place, for farmers, themselves, vary as well as the farm hands, and occasionally there was a noticeable example of a man proving to be very satisfactory on one farm, but when transferred to another, did not suit at all. With this project, as with all others, though, it was designed to serve all parts of the county alike, and give both the farmer and the hired man a square deal. Comparatively few attempts were made on the part of the farmers to take any unfair advantage of the men brought here, and this contributed much to the success of the work. Many of the men, when they were through with a job, returned to Detroit and applied for another, and the reputation established at the Employment Office by any certain county depended largely upon the character of the report the men made

Digitized by Google

when they went back, and every effort was made by this office to make good the promises to the men regarding wages, kind of place, etc. The excellent co-operation given by most of the farmers has occasioned the minimum amount of trouble and dissatisfaction, and many of the men who expected to stay but a few days are still working in the county after a period of nearly three months, and others whom I have met during late trips to the Employment Office have been glad to come to St. Clair County the second time. During the haying and harvest season, when so many men were demanded, the plan was to arrive at Port Huron one day and distribute the men across the county, leaving the car at Imlay City or Almont in order to return to Detroit at night; the next day the hands obtained would be taken out on the Imlay City line and brought into the county from the west. This method made it most convenient to get help into all portions and placed every section on the same basis as far as opportunity to obtain men was concerned.

Upon studying the records from the standpoint of efficiency of the men furnished, it is found 80 of the total of 106 have proven to be good hands, while the remaining 26 ranked from poor to useless. This, after all, is really the true measure of the success of the whole work, and shows that approximately 75 per cent of all the men placed were found at least fairly satisfactory.

Yours respectfully,

C. L. BRADY,
County Agricultural Agent.

RECOMMENDATIONS.

Gypsum mines, as well as all other underground operations in Michigan, including the iron mines, the copper mines and fire clay and shale operations, as well as the coal mines, should be subject to investigation and inspection under the direction of the Commissioner of Labor. It should further be enacted that where conditions are found to be dangerous and unsafe and where the ventilation is such as to lead to constant discomforts and to sickness of underground workers, there should be given authority to properly force a remedy.

Accidents causing the loss of two or more days to the injured should be sent to the Labor Department and immediate notice of the death of an employee resulting from an accident that an investigation might be made and steps taken to prevent a recurrence of similar accidents.

Although the Free Employment Bureaus are maintained for all the people of the State, one of the greatest difficulties we have to contend with is, how to handle the applicants living outside of the towns in which offices are maintained. The only feasible remedy apparent is to establish a state free employment office in each city where a private agency has found it profitable.

Very respectfully,

RICHARD H. FLETCHER,
Commissioner of Labor.

Office of Deputy State Labor Commissioner,
49 Buhl Block,
Detroit, Michigan.

Digitized by Google

Hon. Richard H. Fletcher, Commissioner of Labor, Lansing, Michigan:

Dear Sir:—The following is a general report of the work done by this Department in Wayne County, from July 1st, 1917, to Dec. 31st, 1917, together with certain recommendations which I deem necessary.

Upon my assuming office, I found the factory inspection for the current year under way, which we completed within the prescribed time, in addition to several hundred new inspections. For a detailed report on inspections, I respectfully refer you to the daily statistical report, now on file at the Lansing office.

Owing to the change in the industrial situation, many questions have arisen which heretofore have not come to the attention of the inspector. The manufacture of war munitions and the increase in production in other industrial lines, has necessitated the employment of a large number of women and has shown us the need of more stringent legislation: for example, we have found that women have been forced or permitted to work on machines, side by side with white and colored men. The present law does not make provision for moral protection of females over twenty-one years of age and it is my recommendation that segregation of women employees be made a law. We even found in foundries that women were required to handle moulds weighing forty pounds or thereabouts, and it seems to me that this department should be given discretionary powers covering conditions such as these. Allowing women to work on dangerous machinery, or at hazardous employment may be necessary in time, should the war continue, but I do not believe at the present time, the need is so great. We should expend our energies at this time, to conserve the health and strength of our women, the Mothers of our Nation and, only as a last resource, sacrifice them on the altar of industry. I do not wish to appear radical in this matter, and I know there are a number of occupations that women can be engaged in, without danger to their health, however, I sincerely urge that laws be passed giving the factory inspector greater power to regulate the conditions, under which they may be employed, thus preventing the unscrupulous employer, under the guise of patriotism, from profiteering at the expense of the health and morals of our women workers.

The Fifty-Four Hour Law, though very beneficial, does not cover all the industries that women are engaged in. I would recommend that hotels and theatres be included in this law and also that the phraseology of this act be changed, so that all new occupations, that might be created for women, could be brought under this law. We are doing our utmost to enforce the same, and are obtaining gratifying results.

The Federal Child Labor Law, which went into effect on Sept. 1st, 1917, has aided materially in the efficient working of this department, in that, an employer engaged in Inter-State Commerce shipping, who employs a child under age, not only violated the State law, but the Federal law as well, and as a consequence, such employer insists that children seeking employment, secure the proper age certificates.

I would further recommend that absolute abolition of the so-called private employment bureaus, where a fee is charged, for the reason that there is no result obtained by them, that cannot be obtained by the federal and state bureaus, without cost to the applicant. There is one thing that I believe should not be the subject of commercial traffic, or trading,

Digitized by Google

viz., a job. In any event the law should be amended to the effect that no private employment bureau be permitted to charge a fee of more than one dollar for the procuring of a position.

With reference to the free employment bureaus, operated by this department, will say that the results obtained, have been very gratifying, but not all that is desired, because of the inadequacy of our appropriation, for the operation of the same and would respectfully suggest that a greater appropriation be asked for, so that this work might be carried on with greater efficiency.

Lastly, I would recommend that Traction Companies, operating suburban and interurban electric lines, be required to heat the vestibules, where the motorman is employed, to the same temperature as the balance of the car, as experience has taught me, in unheated vestibules, he is working under a handicap in severe weather and cannot fully safeguard the lives of the public, neither is it beneficial to his own health to work under these conditions.

In conclusion, I desire to express my appreciation for the hearty cooperation of the major portion of the manufacturers, that I have come in contact with, during my tenure of office, and I also take this opportunity of commending the inspectors who work under me for the very efficient and painstaking manner, in which they have performed the work assigned them, and to you, Mr. Fletcher, permit me to extend the sincere thanks of the members of this Department, for the courteous, considerate and kind treatment you have accorded us, and I congratulate you upon the innovations you have introduced, as well as the humane and successful manner in which you have handled the many intricate problems that have arisen in the Department during your regime.

Very respectfully yours,

FRED W. CASTATOR,
Deputy Commissioner of Labor.

Digitized by Google

LABOR LAWS.

Digitized by Google

Digitized by Google

LABOR LAWS.

Compilation of 1917.

ORGANIZATION, POWERS AND DUTIES OF THE DEPARTMENT OF LABOR.

AN ACT to provide for the creation of a department of labor; to prescribe its powers and duties; to regulate the employment of labor; to make an appropriation for the maintenance of such department, and to prescribe penalties for the violation of this act.

[Act 285, P. A. 1909.]

APPOINTMENT OF COMMISSIONER OF LABOR, DEPUTY COMMISSIONER AND DEPUTY FACTORY INSPECTORS.

The People of the State of Michigan enact:

SECTION 1. The governor is hereby authorized and empowered to appoint within thirty days after the passage of this act, and every second year thereafter, by and with the advice and consent of the senate, and also within thirty days after the occurrence of any vacancy in the office, a suitable person, who shall be a citizen of this state, as commissioner of labor, who shall hold his office until his successor be appointed and qualified. The title of such officer shall be "commissioner of labor," and the term of office of such commissioner shall be for a period of two years after such appointment. Such commissioner shall keep an office in the city of Lansing, and shall appoint a deputy, whose term of office shall continue during the pleasure of such commissioner. The commissioner may appoint such deputy factory inspectors and assistants from time to time as shall be necessary for the transaction of the business of his office.

BUREAU OF LABOR: Organized by Act 156 of 1883 (C. L. 1897, § § 4597-4604). Report of Bureau of Factory Inspection to be included in annual report of Commissioner of Labor.—Act 44 or 1899, § 12; Act 9 of 1903. Scope of functions extended.—Act 313 of 1907.
DEPARTMENT OF LABOR: Created by Act 285 of 1909, and amendatory acts of 1911 and 1913 incorporated with the original act in this compilation. Various additional powers, functions and duties, from time to time conferred and imposed upon the department, are also included in this compilation.

DUTIES OF DEPARTMENT—SPECIAL AGENTS—INSPECTIONS, ETC.

SECTION 2. The duties of such department shall be to collect in the manner herein provided, assort, systematize, print and present to the

Digitized by Google

governor, on or before the first day of April, nineteen hundred ten, and annually thereafter, statistical details relating to all departments of labor in this state, including the penal institutions thereof, particularly concerning the hours of labor, the number of employes and sex thereof, the daily wages earned, and savings, the number and character of accidents, the condition of all manufacturing establishments, hotels, stores and workshops where labor is employed, with such other matter relating to the industrial, social, educational, moral and sanitary conditions of the laboring classes and the productive industries of the state, including the names of firms, companies or corporations, where located, the kind of goods produced or manufactured, the time operated each year, the number of employes, male or female, the number engaged in clerical work and the number engaged in manual labor, with a classification of the number of each sex engaged in each occupation and the average daily wages paid each. The commissioner of labor is authorized to appoint special agents to represent the department, with authority to visit firms and establishments, and to collect such statistics and perform such other duties as may be required, with like power as is conferred on said commissioner. The commissioner of labor and all appointees connected with the department, when so directed by said commissioner, shall have full authority to visit and inspect all manufacturing establishments, workshops, hotels, stores and all places where labor is employed, at any reasonable hour, and shall have authority to gather such statistics as may be deemed necessary by the commissioner: Provided, That the commissioner of labor or any one connected with his office, shall not publish, make public, nor give to any individual or to the public the individual statistics obtained from any manufacturing establishment, but all such statistics may be published in connection with other similar statistics and given to the public in aggregate and averages: Provided further, That nothing in this section shall be construed to prohibit other state departments from taking transcripts of such individual statistics for statistical and classification purposes only.

Am. 1913, Act 89.

EXAMINATION OF WITNESSES—FAILURE TO OBEY SUBPOENA—PENALTY.

SECTION 3. Such department or any member thereof shall have full power to examine witnesses on oath, compel the attendance of witnesses, the giving of testimony and the production of papers while acting in any part of this state, and witnesses may be summoned by such department or any member thereof, by its process in the same manner, and paid the same fees as are allowed to witnesses attending in the circuit court of any county. Any person duly subpoenaed under the provisions of this section, who shall wilfully neglect to attend or testify at the place named in the subpoena served for such purpose, shall be guilty of a misdemeanor, and on conviction before any court of competent jurisdiction may be punished by a fine not exceeding fifty dollars or imprisonment in the county jail not exceeding thirty days, or both such fine and imprisonment in the discretion of the court: Provided, That no witness

Digitized by Google

shall be compelled to go outside of the county in which he or she resides to testify.

SALARIES, APPROPRIATION AND SUPPLIES.

SECTION 4. The compensation of such commissioner shall be thirty-five hundred dollars per annum, and that of his deputy, two thousand dollars per annum, together with all necessary expenses, and the compensation of factory inspectors shall not exceed thirteen hundred dollars per annum, and the assistants or special canvassers or clerks in any office of the department shall receive such compensation as shall be fixed by such commissioner. All such compensation and also the expense provided for in section one of this act, shall be audited and paid in the same manner as the salaries and expenses of other State officers. Provided, That the amount thereof, exclusive of the compensation allowed to said commissioner and his deputy, shall not in any one year exceed the sum of sixty-five thousand dollars, which sum shall defray the salaries and expenses of the entire department, including factory inspection, the gathering of all statistics, the expense of the several free employment bureaus of this State, the inspection of public buildings, school buildings, opera houses and theatres, and every department of investigation coming within the jurisdiction of such department, for which provision is not otherwise made by law: Provided further, That in addition to the above allowance for expenses, said commissioner shall be authorized to have printed not to exceed five thousand copies of his annual report for the use of the department and for general distribution, and all printing, binding, blanks or map work, and all supplies shall be done or furnished under any contract which the State now has or shall have for similar work with any party or parties, and the expense thereof shall be audited and paid in the same manner as other State printing.

Am. 1915, Act 218; Am. 1917, Act 98.

COLLECTING INFORMATION OF OFFICIALS—SPECIAL CANVASSERS.

SECTION 5. Said department may collect the information called for in section two of this act, or such information as shall by the commissioner be considered essential to perfect the work of the department, from the several state, county, city, village and township officers, and from the officers of prisons, penal and reformatory institutions, or by means of special canvassers under the direction of the commissioner, and it shall be the duty of all such officers to furnish upon the written or printed request of the commissioner such information as shall be considered necessary for the department upon blanks furnished by said department.

DUTIES OF SUPERVISORS AND ASSESSORS.

SECTION 6. It shall be the duty of the several supervisors of the townships, and the supervisor and assessor of the wards of cities in this State, at the time of assessing the property thereof, to obtain the facts and information determined upon by said department, as provided in section five of this act, in accordance with the terms, conditions and requirements of said blanks, and to return said blanks properly filled and

Digitized by Google

duly certified to by such officer without delay to the commissioner of labor at Lansing.

Accession to Factories—Misdemeanor—Penalty.

Section 7. The commissioner, his deputy and deputy factory inspectors are authorized to enter any factory, workshop, hotel, store or other place where labor is employed when open or in operation, for the purpose of gathering facts and statistics relating to hours of labor, wages, industrial, economic and sanitary conditions or matters; and if any employer or his or her agent or agents shall refuse to allow the officers of said department to so enter; or shall refuse to give such information when requested by said commissioner or deputy factory inspector, then such employer or his or her agent or agents shall be deemed guilty of a misdemeanor, and upon conviction thereof before any court of competent jurisdiction shall be punished by a fine not to exceed one hundred dollars or by imprisonment for not more than ninety days or both such fine and imprisonment in the discretion of the court.

Am. 1913, Act 161.

Penalty for Falsely Testifying—Refusal a Misdemeanor.

Section 8. Any person who shall wilfully and intentionally testify falsely before said commissioner or any authorized deputy shall be deemed guilty of a felony, and on conviction thereof shall be punished by imprisonment in the state prison for a period not exceeding five years, and any person who shall refuse to testify before said commissioner or before any deputy thereof shall on conviction thereof be deemed guilty of a misdemeanor, and shall be punished by a fine not exceeding one hundred dollars or imprisonment not exceeding sixty days or both in the discretion of the court: Provided, That no person or corporation shall be required to answer any question that shall be an improper subject of inquiry or foreign to the object of this act.

Employment of Females and Minors—Hours of Labor—Canning Establishments.

Section 9. No male under the age of eighteen years, and no female shall be employed in any factory, mill, warehouse, workshop, clothing, dressmaking or millinery establishment, or any place where the manufacture of any kinds of goods is carried on, or where any goods are prepared for manufacturing, or in any laundry, store, shop, or any other mercantile establishment, or in any office or restaurant, for a period longer than an average of nine hours a day or fifty-four hours in any week nor more than ten hours in any one day; and all such establishments shall keep posted a copy of this section printed in large type, in a conspicuous place; in establishments having a time clock such copy shall be posted near the time clock. Copies of this section suitable for posting shall be furnished upon the application of any employer by the Commissioner of Labor: Provided, however, That the provision of this section in relation to the hours of employment shall not apply to nor affect any person engaged in preserving perishable goods in fruit and vegetable canning establish-

Digitized by Google

ments. No female under the age of eighteen years shall be employed in any manufacturing establishment between the hours of six o'clock p. m. and six o'clock a. m. No child under the age of sixteen years shall be employed in any manufacturing establishment or workshop, mine or messenger service in this State between the hours of six o'clock p. m. and six o'clock a. m. No child under the age of eighteen years shall be employed between the hours of ten o'clock p. m. and five o'clock a. m. in the transmission, distribution or delivery of messages or merchandise.

Am. 1911. Act 220.
This and the next two sections are deemed to supersede C. L. 1897, § § 5365-5372.
The provision limiting the employment of females to 54 hours per week is a valid exercise of the police power, not violating the fourteenth amendment of the federal constitution by restricting the right to contract; neither is it class legislation in that it excepts women employed in factories where perishable products are preserved.—Withey v. Bloem, 163/419.
Am. 1915. Act 255.

EMPLOYMENT OF CHILDREN—PERMITS ISSUED BY SUPERINTENDENT OF SCHOOLS.

SECTION 10. No child under the age of twenty-one years shall be employed, permitted or suffered to work in any theater, concert hall, or place of amusement where intoxicating liquors are sold. No child under fifteen years of age shall be employed, permitted or suffered to work in or in connection with any mercantile institution, store, office, hotel, laundry, maunfacturing establishment, mine, bowling alley, billiard or pool room conducted for profit, theater, passenger or freight elevator, factory or workshop, telegraph or messenger service within this State: Provided, This section shall not apply to any child of the age of fourteen years or over, working on Saturdays or other days during the school year, outside of school hours or during the established vacation periods in preserving perishable goods, in fruit or vegetable canning establishments or in any mercantile institutions, store, office, hotel, laundry, manufacturing establishment, factory or workshop, telegraph or messenger service within this State. It shall be the duty of every mercantile institution, store, hotel, office, laundry, manufacturing establishment, mine, bowling alley, workshop, telegraph or messenger service or any person coming within the provisions of this act to keep a register in which will be recorded the name, birthplace, age and place of residence of every person employed under the age of sixteen years, and it shall be unlawful for any such establishment or person to hire or employ, or permit to be hired or employed or suffered to work, any child under the age of sixteen years without there is first provided and placed on file in the business office thereof a permit issued by the superintendent of schools of the school district in which such child resides, or the county commissioner of schools, or some one duly authorized by him in writing, any of whom shall have power to administer oaths in relation thereto. Such permit shall be returned immediately to the issuing officer by the employer when such child leaves such employment. A child shall be considered as having withdrawn from his employment when he or she shall have absented himself or herself from work for five full working days without explanation. Every limited vacation permit, hereinafter to be described, shall, upon its expiration, be void and of no effect. The said register and permit shall be produced for inspection on demand of any factory inspector appointed under this act. No fee shall be charged for such permit or other

Digitized by Google

record required by this act by any officer by whom it shall be issued. Every employer complying with the provisions of this section shall be at liberty to employ the person so presenting the permit hereinbefore referred to, and is justified in considering and treating such person as of the age shown in such permit and shall not be liable, if it transpire that such person is under the age represented in such permit, to any greater extent than such employer would be liable if such person were of the age represented. The person authorized and required to issue such permit shall not issue the same until he has received, examined, approved and filed the following papers duly executed:

(a) The school report of said child properly filled out and signed as hereinafter provided: Provided, however, That when such permit is issued during the summer vacation or for working on Saturdays or other days during the school year, outside of school hours no such record shall be required, but all such permits, called in this act limited vacation permits, shall expire upon the first Monday in September, commonly called Labor Day, shall contain a conspicuous statement of the time at which they shall expire and shall be of a special color distinct from regular permits;

(b) A passport, or duly attested transcript of the record of birth, as kept by any duly authorized public authority, or a record of baptism or other religious record, showing the date and place of birth of such child;

(c) A statement from a physician connected officially with the board or department of health, which shall be required, however, only in case the above mentioned official or religious record cannot be produced, which statement shall certify that, in the opinion of the physician issuing said statement, the child is fifteen years of age or upwards, is in sound health and physically able to perform the work which it intends to do. Such statement shall also certify to the correct weight and height of said child, and shall be kept on file by the person issuing working permits; such person may, in his discretion, require also an affidavit from the parents or other evidence as additional proof of age;

(d) A statement by the issuing officer that he has examined said child, that in his opinion the child can read intelligently and write legibly simple sentences in the English language, that in his opinion the child is fifteen years of age or upwards, fourteen years in the case of a vacation permit or a permit to work on Saturdays or other days during the school year, outside of school hours and has reached the normal development of a child of its age and is in sound health and physically able to perform the work which it intends to do, and that, in his opinion the services of the child are essential to the support of itself or its parents: Provided, That permits for vacation periods and Saturdays or other days during the school year, outside of school hours shall not certify that the wages of the child are essential to the support of the family. In doubtful cases, physical fitness for such work shall be determined by a medical officer of the board or department of health. Every such permit shall be signed in the presence of the officer issuing the same by the child in whose name it is issued; and shall state the date and place of birth of the child, and describe the color of the hair and eyes, the height and weight and any distinguishing facial marks of such child, and that the paper required by the preceding sections has been duly examined, approved and filed,

Digitized by Google

and that the child named in such permit has appeared before the officer signing the same and been examined. The school record required by this article shall be signed by the principal or chief executive officer of the school which such child has attended and shall be furnished on demand to a child entitled thereto. It shall contain a statement certifying that the child has regularly attended the public school, or schools equivalent thereto, or parochial schools for not less than one hundred days during the school year previous to his arriving at the age of fifteen years or during the year previous to applying for such school record, and is able to read intelligently and write legibly simple sentences in the English language, and in the case of the public schools, has passed satisfactorily the work of the school up to and including the work of the sixth grade, as provided in the course of study of the public schools, or in the case of schools other than public, the equivalent thereto. Such school record shall also give the age and residence of the child as shown on the records of the school and the name of its parents or guardians or custodian: Provided, That in the case of limited vacation permits or permits to work on Saturdays or other days during the school year, outside of school hours the school record and all other requirements relating to educational qualifications shall be waived, but all other requirements shall be complied with as prescribed in this section. Every month after the issuance of a permit the child shall report to the person who issued same, either in person or in writing, through its parent, or guardian, stating that the child is employed, giving the name of employer and the location of the place of employment, and if not employed said child shall be compelled to attend school: Provided, That nothing in this act shall be used to invalidate the right of any minor over the age of fourteen years to use a working permit issued before the passage of this act;

(e) Any person who shall make a false statement, transcript, passport, school certificate, certificate of physical fitness, school record or any other writing required to be made or filed by the provisions of this section shall be deemed guilty of a misdemeanor, and shall be punished by a fine of not less than ten nor more than one hundred dollars or imprisonment for not less than ten days nor more than ninety days, or by both such fine and imprisonment in the discretion of the court;

(f) Whenever continuation classes shall be established for minors under sixteen years of age working as now permitted by law, or out of school by permission to help at home, every such child residing in any city in which such classes are established shall attend such classes not less than four hours per week and every employer shall allow all minor employes under eighteen years of age who have not completed the eighth grade, a reduction in hours of work of not less than the number of hours the minor is by this section to attend schools.

Am. 1917, Act 280.

Act 113 of 1901, prohibiting the employment of anyone under 16 years of age at work dangerous to life or limb, was not intended to prevent the hiring of such a minor as a common laborer.—Antosik v. Mich. Alkali Co., 166 / 415.

LIABILITY OF EMPLOYER: The employment of a child under 16 years of age to operate a machine dangerous to life or limb (Act 113 of 1901, § 3) constituted actionable negligence.—Sterling v. Union Carbide Co., 142/284; Begold v. Auto Body Co., 149/14. Whether the employment of such a person to run an electric freight elevator was within that prohibition was a question for the jury.—Braasch v. Mich. Stove Co., 147 / 676. The employer of a child under 16, without the sworn statement of the parent or guardian (Act 113 of 1901; Am. Act 171 of 1905) was not relieved of liability by the statement of the child that he was over 16.—Syneszewski v. Schmidt, 158 / 488; Braasch v. Mich. Stove Co., 153 / 652. Nor by a similar statement of the child's elder brother.—Beghold v. Auto Body Co., 149 / 14. Though this act

Digitized by Google

does not expressly give a right of action to persons injured by its violation, yet a child, injured while unlawfully employed, may maintain an action for damages, unless precluded by some act of his own.—Syneszewski v. Schmidt, 153 / 438. Where the employment of a child in violation of the statute is relied upon as negligence, the declaration must aver facts from which a prohibited employment appears.—Van Wyck v. Dickinson, 148 / 418.

NEGLIGENCE OF INFANT: An infant of 14 years held not guilty of negligence *per se*.—Lund v. Sargent Mfg. Co., 158 / 3. Contributory negligence of a child employed in a factory in violation of the provisions of this section held to bar recovery.—Woods v. Kalamazoo Paper Box Co., 167 / 514; Beghold v. Auto Body Co., 149 / 14.

ASSUMPTION OF RISK: A servant does not assume the risk due to an omission by the master of a statutory duty imposed for the protection of the servant.—Murphy v. Grand Rapids Veneer Works, 142 / 677; Swick v. Aetna Portland Cement Co., 147 / 454; Trombley v. McAfee, 152 / 494; Little v. Bousfield & Co., 154 / 369; Van Doorn v. Heap, 160 / 199; Johnson v. Union Carbide Co., 169 / 651. The doctrine of assumed risk, being predicated on contractural relations, is not binding upon a child employed in violation of the statute.—Dalm v. Bryant Paper Co., 157 / 550. Nor can the risk of injury by the negligence of fellow-servants be assumed by a child under 14 unlawfully employed.—Synezewski v. Schmidt, 153 / 438; Dalm v. Bryant Paper Co., 157 / 550. Relation of the defenses of assumed risk and contributory negligence.—Swick v. Aetna Portland Cement Co., 147 / 454. The contributory negligence of plaintiff may be a defense to an action against an employer for personal injuries, notwithstanding a violation on his part of a statutory duty which deprives him of the defense of assumption of risk.—Trombley v. McAfee, 152 / 494; Gehl v. Pittsburg Coal Co., 163 / 285.

Am. 1915, Act 255.

Certain Work not Allowed for Females and Minors—Age Certificates—Theatrical Children.

Section 11. No female under the age of twenty-one years and no male under the age of eighteen years shall be allowed to clean machinery while in motion, nor employed in or about any distillery, brewery, or any other establishment where malt or alcoholic liquors are manufactured, packed, wrapped or bottled, nor in any hazardous employment, or where their health may be injured or morals depraved, nor shall females be unnecessarily required in any employment to remain standing constantly. No child under the age of sixteen years shall be employed in or about any theater, variety show, moving picture show, burlesque show, or other kind of playhouse, music or dance hall, poolroom or billiard room: Provided, however, That any male person over sixteen and under eighteen years of age, may be employed in any occupation, other than the cleaning of machinery while in motion and occupations in or about any distillery, brewery or other establismment where malt or alcoholic liquors are manufactured, packed, wrapped or bottled, subject to the following conditions:

Such employment shall be for a total of not more than fifty-four hours in any week, nor more than ten hours in any one day.

The occupation in which such person is employed shall be approved by the Department of Labor as not being injurious to health or morals, or unduly hazardous: Provided, That in all cities in which the Department of Labor maintains a permanent office, the official in charge thereof shall be authorized and required, under the direction of the Commissioner of Labor, and in other cities or municipalities the superintendent of schools shall likewise be authorized and required to issue, upon demand, certificates of age to young persons past the age of sixteen years, in accord with the following conditions, to-wit: The official authorized to issue such certificates shall not issue the same until he has received, examined, approved and filed the following papers, duly executed:

(a) A passport, or duly attested transcript of the record of birth, as kept by any recognized public authority, or a record of baptism or other religious record, showing the date and place of birth of such young person;

(b) A statement from a physician connected officially with the board or department of health, which shall be required, however, only in case

Digitized by Google

the above mentioned official or religious record cannot be produced, which statement shall certify that, in the opinion of the physician issuing said statement, the young person is of the age stated therein. Such statement shall also certify to the correct weight and height of said young person, and shall be kept on file by the official issuing certificates of age; such official may, in his discretion, require also an affiwavit from the parent of the young person concerned, or other evidence, as additional proof of age;

(c) A statement by the issuing officer that he has examined said young person, and that in his opinion the young person is of the age stated in said certificate of age. Every such certificate shall be signed in the presence of the officer issuing the same, by the young person in whose name it is issued, and shall state the date and place of birth of said person, and describe the color of the hair and eyes, the height and weight, and any distinguishing facial marks of such person, and that the papers required by the preceding section have been duly received, examined, approved and filed, and that the young person named in such certificate has appeared before the officer and been examined. Every employer complying with the provisions of this section shall be at liberty to employ the person so presenting the certificate hereinbefore referred to, and is justified in considering and treating such person as of the age shown in such certificate and shall not be liable, if it transpire that such person is under the age represented in such certificate, to any greater extent than such employer would be liable if such person were of the age represented;

(d) This act shall not be construed so as to prevent children under sixteen years of age from being employed by traveling theatrical companies whose employment consists of acting a part in the productions of such company.

Am. Id.
Tabinski v. A. Harvey's Sons Mfg. Co., 168 / 392.
Am. 1915, Act 255.

Guarding of Hoisting Shafts, Well Holes, Elevator Openings, Etc.

Section 12. It shall be the duty of the owner, agent or lessee of any manufacturing establishment where hoisting shafts or well-holes are used, to cause the same to be properly enclosed and secured. It shall be the duty of the owner, agent or lessee to provide or cause to be provided at all elevator openings in any manufacturing establishment, workshop, hotel or store, proper trap or automatic doors or automatic gates so constructed as to open and close by the action of elevators either ascending or descending. The deputy factory inspector shall inspect the cables, gearing or other apparatus of elevators in manufacturing establishments, workshops, hotels and stores at least once in each year, and more frequently if necessary, and require that the same be kept in a safe condition, and shall have power to condemn any elevator if in his opinion the same be unsafe, and stop the operation of such elevator until the same be put in a safe condition.

Provisions of Act 113, of 1901, § 5, requiring hoisting shafts and well-holes to be properly enclosed and secured imposes a duty to protect employes and not merely a duty to prevent people from accidentally falling down an elevator shaft from the outside.—Murphy v. Grand Rapids Veneer Works, 142 / 677. No power is given to a factory inspector to order the construction of an elevator.—Barfoot v. White Star Line, 170 / 349, 359. Construction of elevators in buildings discussed.—Id. 360. Liability of owner or lessor of a building, part of

Digitized by Google

which is used for manufacturing purposes by the tenant for failure to install automatic gates. —Barfoot v. White Star Line, 170 / 349. Design of such gates.—Id. Provision of the act of 1901, requiring automatic gates, held not applicable in a certain case.—Delbusso v. American Cement Plaster Co., 165 / 318.

Factory Inspectors' Power to Condemn—Fire Escapes—Doors to Open Outward.

Section 13. Factory inspectors shall have power to condemn all school houses if in their opinion they are unsafe and liable to collapse and cause the lives of children to be endangered; also factory inspectors shall have power to order fire escapes on all manufacturing establishments, hotels, stores, theatres, schools, halls, public and office buildings two or more stories in height, and apartment houses three or more stories in height, if in the opinion of the factory inspector it be necessary to insure the safety of persons in such places; said fire escape or means of egress, or as many thereof as may be deemed sufficient by the inspector, shall be provided, and where it is necessary to provide fire escapes on the outside of such building they shall consist of landings and balconies at each floor above the first, to be built according to specifications provided by the factory inspector. All doors in school houses and the doors of the capitol building and all state institutions shall open outward. Factory inspectors shall in writing notify the owner, agent or lessee of such manufacturing establishments, hotels, stores, theatres, schools, halls, apartment houses and public and office buildings of the required location and specifications of such escapes as may be ordered and as to all failures to comply with the provisions of this act. Any person, firm or corporation, or any member of any school board, who shall violate or cause to be violated any of the provisions of this section, or shall fail to refuse to erect or cause to be erected any fire escape ordered by any factory inspector, under authority of this section, shall be deemed guilty of a misdemeanor, and upon conviction shall be fined not less than one hundred dollars nor more than one thousand dollars, or imprisoned for not less than three months nor more than one year, or by both such fine and imprisonment in the discretion of the court.

Am. 1911, Act 251.

Hand Rails, Etc.—Screens Where Females are Employed.

Section 14. Stairways with substantial hand rails shall be provided in manufacturing establishments, and where in the opinion of the factory inspector it be necessary, the steps of such stairs in all such establishments shall be substantially covered with rubber securely fastened thereon, for the better safety of persons employed in said establishments. The stairs shall be properly screened at sides and bottom where females are employed, and the outside doors of such establishment shall swing outwardly, and no doors shall be locked, bolted or fastened during working hours.

Am. 1913, Act 160.
A ladder is not a stairway; the two distinguished.—Davis v. Buss Machine Works, 169 / 498. At common law a night watchman would assume the risk of using a ladder or stairway with no concealed defects, etc., constructed without a hand rail; but plaintiff did not assume the risk of his employer's failure to comply with this statute.—Id.

Digitized by Google

Safeguards on Belts, Gearing and Dangerous Machinery.

Section 15. It shall be the duty of the owner of any factory, storehouse or warehouse, or his agent, superintendent or other person in charge of the same, to furnish or supply or cause to be furnished or supplied, in the discretion of the factory inspector, where machinery is in use, proper shifters or other mechanical contrivances for the purpose of throwing belts on or off pulleys. All gearing or belting shall be provided with proper safeguards, and whenever possible machinery shall be provided with loose pulleys. All vats, saws, pans, planers, cogs, set-screws, gearing and machinery of every description shall be properly guarded when deemed necessary by the factory inspector.

Duty of employer under C. L. 1897, § 5349, to safeguard gearing and belting, irrespective of any order by the factory inspector.—Swick v. Aetna Portland Cement Co., 147 / 454. The legislature did not intend by this act to constitute the factory inspector sole judge as to what employment is dangerous to the life and limb of a male under 18 years of age.—Tavinski v. A. Harvey's Sons Mfg. Co., 168 / 392. Gearing defined and held dangerous.—Id. Introduction of testimony to prove that no guard was used held fatal variance from a declaration alleging the use of a defective guard.—Scherer v. Otis Elevator Co., 167 / 1.

Exhaust Fans.

Section 16. Exhaust fans shall be provided for the purpose of carrying off dust from emery wheels and grindstones and dust-creating machinery, wherever deemed necessary by the factory inspector.

Act 136 of 1887 (C. L. 1897, § § 5547-5549) requiring blowers in establishments where emery wheels or belts are used was held constitutional.—People v. Smith, 108 / 527.

Wash and Dressing Rooms—Closets—Railway Cars for Sleeping or Living Purposes.

Section 17. Every manufacturing establishment, workshop, hotel or store in which five or more persons are employed, and every institution in which two or more children, young persons or women are employed, shall be supplied with proper wash and dressing rooms, and kept in a cleanly state and free from effluvia arising from any drain, privy or other nuisance, and shall be provided, within reasonable access, with a sufficient number of proper water closets, earth closets or privies for the reasonable use of persons employed therein, at least one of such closets for each twenty-five persons employed; and whenever two or more persons and one or more female persons are employed as aforesaid, a sufficient number of separate and distinct water closets, earth closets or privies shall be provided for the use of each sex, and plainly so designated, and no person shall be allowed to use any such closet or privy assigned to persons of the other sex. In all hotels where sleeping rooms are provided for female help, such rooms shall have proper heat and ventilation. Where railway cars are used for sleeping or living purposes or where other premises for sleeping or living accommodations are furnished by any employer or his agent, for men or women engaged in construction of railroad or other work, such cars or other premises shall be maintained in a cleanly and sanitary condition and kept sufficiently heated and well lighted and ventilated and a separate place and facilities shall also be provided for the purpose of drying clothes. Any firm, person or corporation or any agent or foreman thereof, or any contractor or other person who has control over such conditions may be prosecuted at the instance of

Digitized by Google

the factory inspector or other proper authority when there occurs a violation of this section with respect to the conditions specified therein, over which such person, firm or corporation has control. It shall be unlawful for any employe to do anything to hinder or make difficult, compliance with this section: Provided, That the provisions of this section shall not apply to railway sleeping cars used exclusively for the transportation and accommodation of passengers carried by said railways.

Am. 1915, Act 3.

Factory Inspectors, Who Deemed—Powers and Duties, Etc.

Section 18. The commissioner of labor shall be the chief factory inspector and the deputy commissioner of labor and deputy factory inspectors shall be factory inspectors in the meaning of this act. At least two of such deputy factory inspectors shall be women. Said factory inspectors are hereby empowered to visit and inspect at all reasonable hours, as often as practicable or required, the factories, workshops and other manufacturing establishments in this state where the manufacture of goods is carried on, and all hotels where any person or persons are employed, also all stores in this state. Deputy factory inspectors shall report to the commissioner of labor at such time and manner as he may require. It shall also be the duty of the factory inspectors to enforce all the provisions of this act and to prosecute all violations of the same before a magistrate or in a court of competent jurisdiction in this state.

Reports of Deputies—Oaths.

Section 19. Deputy factory inspectors shall return to the commissioner of labor, as he may require, detailed reports of the results of all inspections, together with statistics gathered, and said commissioner shall keep on file in his office at Lansing a record of all reports so returned. A copy of the report on such inspection and of any order in reference thereto shall be served by the factory inspector on the superintendent, owner or manager of each building, establishment or workshop inspected. Service of such order shall be accepted and a duplicate thereof signed by such superintendent, owner or manager. If the superintendent, owner or manager of whom such signature is demanded shall refuse to so sign such acceptance of service, an affidavit by the inspector showing the facts of such service, demand of signature and refusal shall be sufficient evidence of service when duly filed; but such superintendent, owner or manager shall not thereby be released from any criminal liability attending his refusal under this act. Deputy factory inspectors and special canvassers shall have the same power to administer oaths as is now given to notaries public, in cases where persons desire to verify documents connected with the proper enforcement of this act.

The liability of a master for injury to a servant by reason of failure to guard dangerous machinery, under the provisions of Act 113, of 1901, depends upon the fact of the order having been made by the factory inspector and brought to the notice of the master.—Kerr v. Nat'l Fulton Brass Mfg. Co., 155 / 191.

Annual Inspection of Factories—Services, How Paid—Yearly Report.

Section 20. For the purpose of carrying out the provisions of this act, the commissioner of labor is hereby authorized and required to cause at

Digitized by Google

least an annual inspection of all manufacturing establishments, factories, hotels, workshops and stores. Such inspection may be made by the commissioner of labor, the deputy commissioner of labor, deputy factory inspectors, or such other person as may be appointed by the commissioner of labor for the purpose of making such inspection. Such persons shall be under the control and direction of the commissioner of labor. All compensation for services and expenses provided for in this act shall be paid by the state treasurer upon the warrant of the auditor general and audited by the auditor general: Provided, That the commissioner of labor shall present to the government on or before the first day of April of each year, a report of such inspection, with such recommendation as may in his judgment be necessary.

Complaints of Labor Law Violation.

Section 21. The prosecuting attorney of any county of this state is hereby authorized and shall, upon the complaint on oath of the commissioner of labor or any factory inspector, or of any citizen of the United States, if approved by any factory inspector, prosecute to termination before any court of competent jurisdiction, in the name of the people of the state, actions or proceedings against any person or persons reported to him to have violated any of the provisions of this act.

Am. 1911, Act 123.

Tenement House Work—Permit, When Granted, Etc.

Section 22. No room or apartment in any tenement or dwelling house shall be used for the manufacture of coats, vests, trousers, knee pants, overalls, skirts, dresses, cloaks, hats, caps, suspenders, jerseys, blouses, waists, waist-bands, underwear, neckwear, furs, fur trimming, fur garments, shirts, hosiery, purses, feathers, artificial flowers, cigarettes or cigars, and no person, firm or corporation shall hire or employ any persons to work in any room, apartment or in any building or parts of buildings, at making in whole or in part any of the articles mentioned in this section, without first obtaining a written permit from the factory inspector or one of his deputies, stating the maximum number of persons allowed to be employed therein and that the building or part of building intended to be used for such work or business is thoroughly cleaned, sanitary and fit for occupancy for such work or business. Such permit shall not be granted until an inspection of such premises is made by the factory inspector or one of his deputies. Said permit may be revoked by the factory inspector at any time the health of the community or of those so employed may require it. It shall be framed and posted in a conspicuous place in the room, or in one of the rooms to which it relates. Every person, firm, company or corporation contracting for the manufacture of any of the articles mentioned in this section, or giving out the incomplete material from which they or any of them are to be made, or to be wholly or partially finished, shall, before contracting for the manufacture of any of said articles, or giving out said material from which they or any of them are to be made, require the production by such contractor, person or persons of said permit from the factory inspector, as required in this section, and shall keep a written register of the names and ad-

Digitized by Google

dresses of all persons to whom such work is given to be made, or with whom they may have contracted to do the same. Such register shall be produced for inspection and a copy thereof shall be furnished on demand by the factory inspector or one of his deputies: Provided, That nothing in this section shall be so construed as to prevent the employment of a seamstress by any family for manufacturing articles for such family use. None of the work mentioned in this section shall be done in any room or apartment used for living or sleeping purposes, or which is connected with the room or rooms used for such purposes, and which has not a separate and distinct outside entrance for use of others than members of the family dwelling therein. Not less than two hundred fifty cubic feet or air space shall be allowed for each person employed, and all work rooms shall be provided with sufficient means of light, heat and ventilation as may be prescribed by the chief factory inspector. It shall be the duty of local boards of health, health officers and physicians to report within twenty-four hours to the deputy factory inspector in their respective districts each and every case of contagious or infectious disease coming officially to their knowledge. The chief factory inspector or any duly appointed deputy factory inspector shall have power to seize and take charge of all articles found that are being made or partially made, finished, cleaned or repaired in unhealthy or insanitary places where there are contagious or infectious diseases, in violation of the law, and may proceed to disinfect, condemn or destroy the same as in the opinion of the local board of health officer, the public health or safety may require. Whenever it is reported to the chief factory inspector or to the state board of health, or to either of them, that any of the articles named in this section are being or have been shipped into this state, having previously been manufactured in whole or in part under unhealthy conditions, said chief factory inspector shall examine said goods and the condition of their manufacture, and if upon such examination said goods or any of them are found to contain vermin or to have been made in improper places or under unhealthy conditions, he shall make report thereof to the state board of health, which board shall thereupon make such order or orders as the public health and safety may require: Provided, That in stores where goods are manufactured, altered or repaired, work rooms shall be provided with proper heat, light and ventilation, as prescribed in this section.

Improvements Inspectors May Order.

Section 23. Factory inspectors shall have power to order all improvements herein specified, such as the repairing of elevators, the installment of wash and dressing rooms and water closets. When such improvements are found necessary orders for same shall be served on the owner of the building or premises: Provided, That whenever the owner of such buildings or premises as mentioned in this act be a non-resident of this state said order may be made on his resident agent or the tenant of such buildings or premises. If the tenant be required to make such improvements he may deduct the cost thereof from the amount of rent for use of such buildings or premises.

This section construed in connection with section 12 of this Act.—Barfoot v White Star Line, 170 / 349.

Digitized by Google

Seats for Females—Neglect or Refusal to Provide.

Section 24. All persons who employ females in stores, shops, offices or manufactories, as clerks, assistants, operatives or helpers in any business, trade or occupation carried on or operated by them, shall be required to procure and provide proper and suitable seats for all such females, and shall permit the use of such seats, rests or stools as may be necessary, and shall not make any arbitrary rules, regulations or orders preventing the use of such stools or seats at reasonable times. No employer of female help shall neglect or refuse to provide seats as provided in this act, nor shall make any rules, orders or regulations in their shops, stores or other places of business requiring females to remain standing when not necessarily in service or labor therein.

Female Labor in Saloon, Etc.

Section 25. No person shall employ or permit any girl or woman to act as barkeeper, or to serve liquor, or to furnish music, or for dancing in any saloon or barroom where spirituous or intoxicating liquors, or malt, brewed or fermented liquors are sold or kept for sale.

This section is deemed to supersede C. L. 1897, § § 5361-5364, on the same subject.

Foundries, Exhaust Fans, Etc.

Section 26. All entrances to foundries shall be constructed and maintained so as to minimize drafts. All passage ways in foundries, now in operation or hereafter to be built, shall be constructed and maintained of sufficient width to make them reasonably safe for the workmen, and no unnecessary obstruction shall be allowed in such passage ways during the hours of casting. Whenever a foundry is so constructed or operated that smoke, steam, dust or noxious gases are not promptly carried off by the general ventilation, exhaust fans shall be provided. No salamanders or open fire places shall be used, unless ample provision be made for conveying the gases arising therefrom directly from the building. Foundries shall be reasonably well lighted throughout working hours, and reasonably well heated during the cold and inclement weather. Hot water shall be kept available for washing purposes during the season in which artificial heating is necessary. When it is thought necessary and advisable by a state factory inspector, facilities shall be provided for drying the clothing of persons employed therein. All pits around furnaces in any such foundry shall be covered with substantial iron gratings. All stairways around such furnaces shall be constructed of iron. There shall be kept on hand at all times in every foundry a reasonable supply of lime water, sweet oil, vaseline, bandages and absorbent cotton for use by the workmen in case of burns or accident. It is hereby made the duty of each and every state factory inspector to enforce the provisions of this section. Any place or establishment where metal castings or cores are made shall be deemed a foundry within the meaning of this act.

This section is deemed to supersede Act 152 of 1907 on the same subject.

Digitized by Google

To Provide Fans or Blowers.

Section 27. All persons, companies or corporations operating any factory or workshop, where wheels or emery belts of any description are in general use, either leather, leather covered, felt, canvas, paper, cotton, or wheels or belts rolled or coated with emery or corundum, or cotton wheels used as buffs, shall provide the same with fans or blowers or similar apparatus, which shall be placed in such a position or manner as to protect the person or persons using the same from the particles of dust produced and caused thereby, and to carry the dust arising from, or thrown off by such wheels or belts while in operation, directly to the outside of the building or to some other receptacle placed so as to receive and confine such dust: Provided, That grinding machines upon which water is used at the point of grinding contact shall be exempt from the conditions of this act: Provided further, That this act shall not apply to solid emery wheels used in saw-mills or planing-mills or other wood working establishments.

Notice to guard emery wheels in use in defendant's factory held broad enough to include wheels subsequently installed.—Kerr v. Brass Mfg. Co., 155 / 191.

Duty of Persons Operating Factory—Construction of Appliances.

Section 28. It shall be the duty of any person, company or corporation operating any such factory or workshop to provide or construct such appliances, apparatus, machinery or other things necessary to carry out the purposes of this act, as set forth in the preceding section, as follows: Each and every such wheel shall be fitted with a sheet or cast iron hood or hopper of such form and so applied to such wheel or wheels that the dust or refuse therefrom will fall from such wheels or will be thrown into such hood or hopper by centrifugal force and be carried off by the current of air into a suction pipe attached to such hood or hopper.

Suction Pipes, Size of.

Section 29. Each and every such wheel six inches or less in diameter shall be provided with a three-inch suction pipe, wheels six inches to twenty-four inches in diameter with four-inch suction pipes, wheels from twenty-four inches to thirty-six inches in diameter with five-inch suction pipes, and all wheels larger in diameter than those stated above shall be provided each with a suction pipe not less than six inches in diameter. The suction pipe from each wheel so specified must be full size to the main trunk suction pipe, and the said main suction pipe to which smaller pipes are attached shall, in its diameter and capacity, be equal to the combined areas of such smaller pipes attached to the same, and the discharge pipe from the exhaust fan connected with such suction pipe or pipes shall be as large or larger than the suction pipe.

Rate of Speed for Fans or Blowers.

Section 30. It shall be the duty of any person, company or corporation operating any such factory or workshop, to provide the necessary fans or blowers to be connected with such pipe or pipes, as above set forth, which shall be run at such rate of speed as will produce a velocity of air

Digitized by Google

in such suction or discharge pipes of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in an U-shaped tube. All branch pipes must enter the main trunk pipe at an angle of forty-five degrees or less. The main suction or trunk pipe shall be below the polishing or buffing wheels and as close to the same as possible, and be either upon the floor or beneath the floor on which the machines are placed to which such wheels are attached. All bends, turns or elbows in such pipes must be made with easy smooth surfaces having a radius in the throat of not less than two inches diameter, of the pipe on which they are connected.

Who May Visit and Inspect Factory During Working Hours—Prosecutions, Etc.

Section 31. It shall be the duty of any factory inspector, sheriff, constable or prosecuting attorney of any county in this state, in which any such factory or workshop is situated, upon receiving notice in writing, signed by any person or persons having knowledge of such facts, that such factory or workshop is not provided with such appliances as herein provided for, to visit any such factory or workshop and inspect the same, and for such purpose they are hereby authorized to enter any factory or workshop in this state during working hours, and upon ascertaining the facts that the proprietors or managers of such factories or workshops have failed to comply with the provisions of this act, to make complaint of the same in writing before a justice of the peace or police magistrate having jurisdiction, who shall thereupon issue his warrant directed to the owner, manager or director of such factory or workshop, who shall be thereupon proceeded against for the violation of this act as hereinafter mentioned, and it is made the duty of the prosecuting attorney to prosecute all cases under this act. No person shall be employed to operate any of the wheels, buffers or belts mentioned in this act in any basement, so-called, or in any room lying wholly or partly beneath the surface of the ground, unless such workroom shall be provided with sufficient means of light, heat and ventilation as shall be prescribed by the state factory inspector. No female shall be employed in operating or using any of the wheels or belts specified in this section.

Machines to Carry Away Dust.

Section 32. All persons, companies or corporations operating any upholstering or mattress establishments or other establishments, factory or place where hair, moss, tow or cotton is used for filling, shall provide the same with hair picking machines when ordered by the commissioner, deputy commissioner of labor or deputy factory inspector, which shall be placed in such a position or manner as to carry away the dust arising from or thrown off by such machines while in operation directly to the outside of the building or to some other receptacle established so as to receive and confine such dust, and the same shall be placed within such establishment, place or factory within three months after having been ordered to be so placed by the commissioner, deputy commissioner of labor or deputy factory inspector.

This section is deemed to supersede Act 252 of 1907 on the same subject.

Digitized by Google

Stationary Steam Boilers—Approval Inspection.

Section 33. All stationary steam boilers operated or used, or caused to be operated or used, by any person, firm or corporation within the state of Michigan, shall, whenever so ordered by the chief factory inspector or any of his duly authorized deputies, have upon them some device which will sound an alarm for the purpose of calling the attention of the engineer, fireman or person in charge of any such boiler to the depth of water in the boiler before the same reaches the danger point: Provided, That the kind of device or alarm used shall be approved by the chief factory inspector of the state; and he or any of the duly authorized deputies shall be authorized to enter upon the premises of any person, firm or corporation within this state for the purpose of inspecting any stationary steam boiler so used or operated.

This and the next section are deemed to supersede Act 209, of 1899, on the same subject.

Low Water Alarm, Operation Without Unlawful.

Section 34. It shall be unlawful for any person, firm or corporation to operate any stationary steam boiler without its having a low water alarm attached thereto, after the chief factory inspector or any duly authorized deputy has ordered the same to be used as specified in this act.

Free Employment Bureaus, Creation of.

Section 35. Free employment bureaus are hereby authorized to be created and established in this state as follows: One in the city of Detroit, one in the city of Grand Rapids, one in the city of Jackson, one in the city of Bay City, one in the city of Battle Creek, one in the city of Muskegon, one in the city of Saginaw, one in the city of Flint, one in the city of Kalamazoo, one in the city of Lansing, one in the city of Bad Axe, one in the city of St. Louis and one in the city of Traverse City, for the purpose of receiving applications of persons seeking employment and applications of persons seeking to employ labor. Such bureaus shall be designated and known as Michigan free employment bureaus. The commissioner of labor shall organize, establish and control the free employment bureaus authorized by this act. No compensation or fee shall be charged or received directly or indirectly from persons applying for employment or help through any such bureau. It shall be the duty of said commissioner of labor to use all diligence in securing the co-operation of employers of labor with the purpose and objects of said employment bureau. To this end it shall be competent for said commissioner to advertise in the columns of newspapers or to use other mediums for such situations as he or his agents have applicants to fill, and for such help as may be called for by employers. Said commissioner of labor may also advertise in a general way for the co-operation of large contractors and employers, in such trade journals or special publications as reach such employers, whether such trade journals are published in the state of Michigan or not, and he may pursue such other methods as in his judgment will best tend to accomplish the purpose of this act: Provided, That all managers or superintendents in charge of state free

Digitized by Google

employment bureaus shall devote their entire time to the work of their office while receiving salary or wages from the state.

Am. 1911, Act 191.
This and the next two sections are deemed to supersede Act 281 of 1907 on the same subject.
Am. 1915, Act 216.

Assistants, Compensation, How Paid.

Section 36. The commissioner of labor is authorized to appoint such assistants as may be necessary for the proper administration of such free employment bureaus. All such assistants shall be under the control and direction of the commissioner of labor, and shall receive such compensation as he shall determine. All compensation for services and expenses provided for in this act, except the compensation allowed to the commissioner and his deputy, shall be paid from the sum of sixty-five thousand dollars hereinafter appropriated under the provisions of section thirty-seven of this act. Such compensation and services shall be paid by the state treasurer upon the warrant of the auditor general in the same manner as other salaries and expenses are paid.

Am. 1915, Act 218; Am. 1917, Act 98.

Annual Appropriation.

Section 37. The sum of sixty-five thousand dollars is hereby appropriated for the fiscal year ending June thirty, nineteen hundred eighteen, and for each fiscal year thereafter there is hereby appropriated the sum of sixty-five thousand dollars for the maintenance and support of said department of labor, and the auditor general is hereby directed to annually add to and incorporate in the state tax to be levied each year the sum of sixty-five thousand dollars, which, when collected, shall be credited to the general fund to reimburse the same for the money appropriated by this act.

Am. 1915, Act 218; Am. 1917, Act 98.
Sections 38 to 54 relate to mine inspection.

Penalty.

Section 54. Any person who violates or omits to comply with any of the foregoing provisions of this act, or who interferes in any manner with the factory inspector in the discharge of his duties, or who suffers or permits any child or female to be employed in violation of its provisions, shall be deemed guilty of a misdemeanor, and on conviction shall be punished by a fine of not less than ten nor more than one hundred dollars or by imprisonment for not less than ten nor more than ninety days, or by both such fine and imprisonment in the discretion of the court.

Sec. 55 repeals "all acts or parts of acts inconsistent herewith."

Digitized by Google

PRIVATE EMPLOYMENT AGENCIES.

AN ACT to provide for the licensing, bonding and regulation of private employment agencies, the limiting of the amount of the fee charged by such agencies, the refunding of such fees in certain cases, the imposing of obligations on persons, firms or corporations which have induced workmen to travel in the hope of securing employment, charging the commissioner of labor with the enforcement of this act and empowering him to make rules and regulations, and fixing penalties for the violation hereof.

[Act 301, P. A. 1913.]

License Required—Fee—Disposition of Fees.

The People of the State of Michigan enact:

Section 1. No person, firm or corporation in this state shall open, operate or maintain a private employment agency where a fee is charged to persons seeking employment, without first obtaining a license for the same from the commissioner of labor, and the fee for such license shall be twenty-five dollars per annum except in cities over two hundred thousand population, where it shall be one hundred dollars per annum. Every license shall be void after the thirty-first day of December of the year in which it was issued. The form of the license shall be fixed by the commissioner of labor and it shall be non-transferable. The license may be revoked by the commissioner of labor whenever in his judgment, after full hearing the licensed agency shall have violated any of the provisions of this act. The commissioner of labor is hereby charged with the enforcement of the terms of this act and empowered to make such rules or regulations as are consistent with it and aid in its enforcement and he shall direct copies or excerpts of this act to be kept conspicuously posted in every licensed agency. The commissioner of labor shall turn into the state treasury all fees collected under this act.

Surety Bond Required.

Section 2. The commissioner of labor, before granting a license, shall require each applicant to furnish a surety bond in the penal sum of one thousand dollars, conditioned that the obligor will not violate any of the provisions of this act. Such bond shall be a personal bond with two good and sufficient sureties, to be approved by the prosecuting attorney or the circuit judge of the county in which such employment agency is located and when so approved shall be accepted by the commissioner of labor. The commissioner of labor is authorized to cause an action to be brought on said bond in the name of the people of the state of Michigan for the violation of any of its conditions. If any person shall be aggrieved because of the violation by such licensed agency of any provision of this act, such person may maintain an action, in his own name, upon the bond

Digitized by Google

of said employment agency in any court having jurisdiction of the amount claimed.

Am. 1917, Act 244.

Registers to be Kept.

Section 3. It shall be the duty of every licensed agency to keep a register in which shall be truthfully entered the date of application, age, sex, nativity, trade or occupation, name and address of every person who applies for employment at such agency, the amount of the fee charged and the wages to be paid. Such licensed agency shall also keep a register in which shall be truthfully entered the name and address of every person who applies for help at such agency, the place of proposed employment, the nature of the work to be done and the wages offered.

Receipts.

Section 4. Every licensed agency shall issue a receipt to each person seeking employment who has paid a fee, which receipt shall contain the name and address of the agency issuing it, together with all the information regarding the particular transaction hereinbefore required to be entered in both registers of the agency. Such agency shall also issue a receipt to each person seeking employment who has paid a fee for registering in such agency.

Fee, Limit of—Repayment.

Section 5. The entire fee or fees for the procuring of one situation or job and for all expenses, incidental thereto, to be received by and employment agency, from any applicant for employment at any time, whether for registration or other purposes, shall not exceed ten per cent of the first month's wages. Such ten per cent shall be determined by the monthly rate offered by the applicant for help, regardless of the time during which the applicant for employment remains at the employment procured him. Where a registration fee is charged, if the applicant, through no fault of his own, does not secure through the employment agency to which the fee has been paid, within one month, the employment applied for, said agency shall repay to said applicant, upon demand, one-half the full amount of the registration fee paid. No registration fee shall exceed the sum of one dollar.

Things Prohibited.

Section 6. No employment agent or agency shall send an applicant for employment to an employer who has not applied to such agent or agency for help or labor. Nor shall any licensed agency fraudulently promise or deceive, whether through a false notice or advertisement or other means, any applicant for help or employment with regard to the service to be rendered by such licensed agency and every such agency shall be liable civilly to any person who is led to expend money uselessly for transportation or other purposes through the misrepresentations or false promises of such agency.

Digitized by Google

Other Things Prohibited.

Section 7. No employment agency or person connected therewith shall direct any person applying for employment to any house of prostitution or immoral resort. No licensed agency shall be conducted in, or in connection with, any place where intoxicating liquors are sold.

Penalty.

Section 8. Any person who violates or omits to comply with any provision of this act, or who interferes in any manner with the commissioner of labor or any of his deputies in its enforcement shall be deemed guilty of a misdemeanor and on conviction shall be punished by a fine of not less than twenty-five dollars nor more than two hundred dollars or by imprisonment for not less than ten or more than ninety days or by both such fine and imprisonment in the discretion of the court.

HOTELS.

AN ACT relating to the conduct of hotels, inns and public lodging houses

[Act 188, P. A. 1913.]

Hotel Defined.

The People of the State of Michigan enact:

Section 1. Every building or structure kept, used or maintained as, or held out to the public to be an inn, hotel or public lodging house, shall, for the purpose of this act, be defined as a hotel, and wherever the word "hotel" shall occur in this act it shall be construed to mean every such structure as is described in this section.

Fire Escapes—Way of Egress Unobstructed.

Section 2. Every hotel that is more than two stories high shall be equipped with an iron fire escape on the outside of the building connecting on each floor, above the first, with at least two openings, which shall be well fastened and secured with landings not less than six feet in length and three feet in width, guarded by an iron railing not less than three feet in height. Such landings shall be connected by iron stairs not less than two feet wide and with steps of not less than six-inch tread and not more than eight-inch rise, placed at an angle of not more than forty-five degrees and protected by a well secured hand rail on both sides and reaching to within twelve feet of the ground, with a drop ladder eighteen inches wide reaching from the lower platform to the ground. Such fire escapes shall be sufficient if a perpendicular ladder shall be used instead of the stairs, provided such iron ladder is placed at the extreme outside of the platform and at least three feet away from the wall of the building, and provided said ladder is equipped with round iron rounds not more

Digitized by Google

than fifteen inches apart, except that fire-proof buildings may have inside fire escapes placed in a well, shaft, or opening which shall be built of fire-proof material and shut off from the remainder of the building by fire-proof, tight doors. The way of egress to such fire escape shall at all times be kept free and clear of all obstruction of any and every nature. Storm windows and storm doors shall be considered an obstruction for the purpose of this act, and such way of egress shall at all times be kept unlocked. There shall be posted and maintained in a conspicuous place in each hall and each guest room, except the halls and rooms on the ground floor, of such hotel, a printed notice in characters not less than two inches high calling attention to and directing the way to such fire escape.

Chemical Fire Extinguishers.

Section 3. Each and every hotel shall be provided with at least one sufficient chemical fire extinguisher for every twenty-five hundred square feet or less of floor area, which such extinguisher or extinguishers shall be placed in a convenient location in a public hallway outside of the sleeping rooms, and shall always be in condition for use.

Buildings Two Stories or Less to Provide Manila Ropes.

Section 4. Every hotel that is not over two stories in height and which is not provided with such fire escape as is described in section two hereof, shall provide in every bedroom or sleeping apartment on the second floor a manila rope at least five-eighths of an inch in diameter and knotted every eighteen inches, and of sufficient strength to sustain a weight and strain of at least five hundred pounds, and of sufficient length to reach the ground. Such rope shall be securely fastened to the joists or studdings of the building as near the windows as practicable, and shall be kept coiled in plain sight at all times, nor shall such rope be covered by curtains or other obstructions. Every such hotel shall provide and maintain in a conspicuous place in every bedroom or sleeping apartment above the ground floors, a printed notice calling attention to such rope and giving directions for its use.

Sanitation, Drainage, Etc.

Section 5. Every hotel shall be well drained and maintained according to established sanitary principles; shall be kept clean and in a sanitary condition and free from effluvia arising from any sewer, drain, privy or other source within the control of the owner, manager, agent or other person in charge; shall be provided with water closets or privies properly screened for the separate use of males and females, which water closets or privies shall be disinfected as often as may be necessary to keep them at all times in a sanitary condition.

Rooms, How Furnished.

Section 6. Every hotel shall have and provide all toilet rooms, bath rooms and sleeping rooms with individual textile towels. Every hotel shall have and provide all beds with regulation sheets, not less than ninety inches in length. Such beds shall also be provided with sufficient

Digitized by Google

number of regulation size blankets or quilts that are kept in a sanitary condition.

Violation, Penalty.

Section 7. Every owner, manager, agent or person in charge of a hotel, who shall fail to comply with any of the provisions of this act, shall be deemed guilty of a misdemeanor, and shall be fined not less than twenty-five dollars nor more than fifty dollars, or shall be imprisoned in the county jail for not less than thirty days nor more than sixty days, or both, and every day that such a hotel is carried on in violation of this act shall constitute a separate offense.

Power of Commission.

Section 8. The labor commissioner, dairy and food commissioner, insurance commissioner, and the executive officer of the state board of health shall constitute a commission for the purpose of carrying into effect the provisions of this act, and same shall be delegated with the power to adopt such rules and regulations as conditions may require.

Hotel Inspector and Deputy Inspectors.

Section 9. Such commission shall delegate and confer the title of hotel inspector or deputy inspectors upon such men now operating under the supervision of the several departments constituting this commission and in such number as the lawful enforcement of this act shall justify.

Duties of Hotel Inspector and Deputies.

Section 10. It shall be the duty of the inspector and his deputies to see that all of the provisions of this act are complied with, and said inspector or the deputy for the district shall personally inspect at least once each year and at such other times as in the best judgment of the commission or the deputy the occasion demands as defined by this act.

Power Granted Hotel Inspector and Deputies.

Section 11. Said inspector and his deputies are hereby granted police power to enter any hotel at reasonable hours to determine whether the provisions of this act are being complied with.

Certificate, Where Posted.

Section 12. If the inspector or deputy shall find after examination of any hotel that this law has been fully complied with, he shall issue a certificate to that effect to the person operating the same, and said certificate shall be kept posted up in a conspicuous place in said inspected building. Such certificate shall be prepared in blank by said commission.

False Certification, Penalty For.

Section 13. Any inspector who shall wilfully certify falsely regarding any building inspected by him, and who shall issue a certificate to any

Digitized by Google

person operating in any hotel when such person has not complied with the provisions of this act, shall on conviction thereof be fined not less than fifty dollars nor to exceed one hundred dollars, and may be imprisoned not to exceed ninety days in the county jail, or both at the discretion of the court, and upon conviction shall be forever disqualified to hold said office.

Hindrance of Inspector, Penalty For.

Section 14. Any owner, manager, agent or person in charge of a hotel, who shall obstruct or hinder an inspector in the proper discharge of his duties under this act, shall be guilty of a misdemeanor, and upon conviction thereof, shall be fined not less than twenty-five dollars nor more than fifty dollars, or shall be imprisoned in the county jail not less than thirty days nor more than sixty days, or both.

Prosecutions.

Section 15. It shall be the duty of the inspector, upon ascertaining by inspection or otherwise, that after sixty days from the time this act takes effect, any hotel is being carried on contrary to its provisions, to make complaint and cause the arrest of the person so violating the same; and it shall be the duty of the prosecuting attorney in such cases to prepare all necessary papers and conduct such prosecutions.

[Act No. 177 of the Public Acts of 1913.]

REGULATING THE OPERATION OF COAL MINES.

AN ACT to provide for the health and safety of persons employed in and about the coal mines of Michigan, for the appointment, qualifications, duties and compensation of an inspector of mines, and for the protection and preservation of property connected therewith, and to provide penalties for the violation thereoff, and for the repeal of all acts and parts of acts inconsistent herewith.

The People of the State of Michigan enact:

Section 1. For the purposes of this act, the terms and definitions contained herein shall be as follows:

Mine. In this act the term "Mine" includes the shafts, slopes and drifts connected with excavations penetrating the coal stratum or strata, which excavations are ventilated by one general air current, or divisions thereof, and connected by one general system of mine railroads, over which coal may be delivered to one or more points outside the mine, when such is operated by one operator.

Excavations and Workings. The term "Excavations and Workings" includes all the excavated portions of a mine, those abandoned, as well as the places actually being worked; also all underground workings and shafts, slopes, tunnels and other openings in the course of being sunk

Digitized by Google

or driven, together with all roads, appliances, machinery and material connected with the same below the surface.

Shaft. The term "Shaft" means a vertical opening through the strata that is or may be used for the purpose of ventilation or drainage, or for hoisting men, coal or material, or both, in connection with the mining of coal.

Slope. The term "Slope" means an incline or opening used for the same purpose as a shaft.

Operator. The term "Operator" means any firm, corporation or individual operating any coal mine, or any part thereof.

Superintendent. The term "Superintendent" means the person who shall have, on behalf of the operator, immediate supervision of one or more mines.

Mine Foreman. The term "Mine Foreman" means the person whom the operator or superintendent shall place in charge of the inside workings of the mine and of the persons employed therein.

Inspector. The term "Inspector" means the person commissioned by the commissioner of labor to have supervision of the mines as hereinafter prescribed.

Mine Committee. The term "Mine Committee" means men employed to represent the miners.

Appointment of Mine Inspector.

Section 2. An inspector of coal mines shall be appointed by the commissioner of labor, subject to the approval of the governor of the State, who shall have had at least eight years' experience in the mine, three years of which he was employed in mining and loading coal, and he shall not, while in office, be interested as owner, operator, agent, director or otherwise interested in any coal mine, gas, oil or other mining interest, directly or indirectly, or in any way whatever be connected with a miners' organization during his term of office, and he must have been a resident of the State at least five years before his appointment to office, and shall receive as a salary for his services the sum of four dollars per day, and in addition thereto shall be allowed an amount not exceeding seven hundred fifty dollars for traveling expenses per year. The inspector shall present all bills for traveling expenses to the commissioner of labor, and the same shall be approved by him before being presented to the board of state auditors for allowance. The salary and expense of the inspector shall be paid semi-monthly from the general fund of the State upon warrants drawn by the auditor general.

Police Powers of Inspector.

Section 3. The inspector of mines is hereby empowered to act as police officer with full power to arrest and detain any person found violating any provisions of this act, or engaged in any attempt to violate this law or any part thereof, or against whom there is found any evidence of a previous violation of this law: Provided, however, That no such person shall be detained for any period of time longer than twenty-four hours without warrant or the filing of a charge against him in a court of competent jurisdiction. Such inspector shall also have the power to imme-

Digitized by Google

diately stop the operation of any coal mine, or part thereof, in which any dangerous or unlawful condition is found: Provided, however, That where conditions exist justifying him to do so, he may grant a reasonable length of time for making necessary repairs. And provided further, That where any stop is enforced, such inspector shall have the power to subsequently allow such mine, or part of mine to be re-opened when the dangerous or unlawful conditions have been remedied, or removed so that they no longer exist.

Authority to Enter.

Section 4. It shall be lawful for the inspector of mines to enter, examine and inspect at any and all seasonable times, by day or by night, but so as not to unreasonably obstruct or hinder the working of such coal mine, and the operator of every such coal mine is hereby required to allow free access for making such examination and inspection.

Posting Notices.

Section 5. The result of all coal mine inspections made by the inspector of the mines, showing all his conclusions as to the condition or safety of the mines and orders given in the inspection of any coal mine, shall be posted in writing at the entrance to such mine immediately upon the conclusion of each inspection, and he shall furnish a copy of such report to the mine office, and also to the mine committee. The inspector of mines shall make personal inspection of all coal mines in the State at least four times each year.

Inspector of Weights.

Section 6. The State coal mine inspector shall be ex-officio inspector of weights, measures and scales used at coal mines, and he is hereby empowered and it shall be his duty to test all the scales, correctly measure the weight of such coal, and if defects or irregularities are found in such scales, which prevent correct weights and measurements, the inspector shall call the attention of the mine owner, agent or operator to such defects, and shall direct the same to be at once properly adjusted and corrected.

Test Weights.

Section 7. For the purpose of carrying out the provisions of this act, the State inspector shall be furnished by the State with a complete set of standard weights, suitable for testing the accuracy of track scales and of all smaller scales at mines. Such test weights shall remain in the custody of the inspector for use at any point within the State, and for any amounts expended by him for storage, transportation or handling of the same, he shall be fully reimbursed upon making entry of the proper items in his expense voucher.

Weighmen to Make Oath.

Section 8. All weighmen who shall perform the duty of weighing coal shall be sworn by some one competent to administer a legal oath, that

Digitized by Google

they will perform their duty accurately and impartially as between employers and employe, and that they will honestly report and record all weights of coal with which they are entrusted. The coal mine employes shall have the right to name a competent and fair check weighman, who shall be paid by the employes and be sworn by one authorized to administer oaths.

Map of Mines, Copies Furnished Mine Inspector, Surveys Ordered, When.

Section 9. The owner, operator, lessee or person in charge of any coal mine, shall make or cause to be made an accurate map or plan of such mine, drawn to a scale of not more than two hundred feet to the inch, on which shall appear the name of the state, county and township in which the mine is located, the designation of the mine, the name of the company or owner, operator, lessee or person in charge, the certificate of the mining engineer or surveyor as to the accuracy and date of the survey, the north point and the scale to which the drawing is made. Every such map or plan shall correctly show the surface, boundary lines of the coal rights pertaining to each mine, and all sections or quarter section lines or corners within the same; the lines of town lots and streets; the tracks and sidetracks of all railroads, the location of all wagon roads, rivers, streams, ponds. For the underground workings said map shall show all shafts, slopes, tunnels, or other openings to the surface or to the workings of a continuous mine, all excavations, entries, rooms and crosscuts; the location of the escape ways, and of the fan or other means of ventilation, and the direction of air currents and the location of permanent pumps, hauling engines, engine plans, abandoned work, fire walls and standing water. A separate and similar map drawn to the same scale in all cases, shall be made of each and every seam of coal operated in any mine in this State. A separate map shall also be made of the surface whenever the surface buildings, lines or objects are so numerous as to obscure the details of the mine workings, if drawn upon the same sheet with them, and in such case the surface map shall be drawn upon transparent cloth or paper, so that it can be laid upon the map of the underground workings and thus truly indicate the local relations of lines and objects on the surface to the excavations of the mine, together with any other principal workings of the mine. The original or true copies of all such maps shall be kept at the office of the mine, and true copies thereof shall also be furnished the State inspector of coal mines within thirty days after the completion of the same. The maps so delivered to the inspector shall be the property of the State, and shall remain in the custody of the commissioner of labor during his term of office, and be delivered to his successor in office. They shall be kept at the office of the commissioner of labor, and be open to examination of all persons interested in the same, but such examination shall be made only in the presence of the inspector, commissioner of labor, or his office assistant; no copies of the same to be made without the written consent of the operator or owner of the property, except as herein otherwise provided. An accurate extension of the last preceding survey of every mine in active operation shall be made in every twelve months prior to July first of every year, and the result of

Digitized by Google

such survey, with the date thereof, shall be promptly and accurately entered upon the original map; and a true, correct and accurate copy of said extended map shall be forwarded to the inspector of coal mines so as to show all changes in plan of new work in the mine, and all extensions of old workings to the most advanced face or boundary of said workings which have been made since the last preceding survey; and the parts of the mine abandoned or worked out after the last preceding survey shall be clearly indicated and shown by colorings, which copy must be delivered to such inspector of coal mines within thirty days after the last survey is made. When any coal mine is worked out or is about to be abandoned, or indefinitely closed, the owner, operator, lessee or person in charge of the same shall make or cause to be made a complete and extended map of said mine, and the result of the same shall be duly extended on all maps of the mine and copies thereof so as to show all excavations and the most advanced workings of the mine and their exact relations to the boundary or section lines on the surface, and deliver to the inspector a copy of the completed map. The State coal mine inspector shall order a survey to be made of the workings of any mine and the result to be extended on the maps of the same, and the copies thereof, whenever in his judgment the safety of the working man, or the safety of an adjoining mine requires it; and if not made by the owner, operator, lessee or person in charge when ordered by the inspector, it shall be made or caused to be made by the inspector and paid for by the State, and the amount collected from the owner, operator, lessee or person in charge, as other debts are collected.

Abandoned Mines.

Section 10. When approaching abandoned workings and when within not less than sixty feet of the same, the excavation in approaching the said workings shall not exceed eight feet in width, and there shall be constantly kept one bore hole near the center not less than twenty feet in advance, and one flank bore hole on each side, of not less than fifteen feet in length.

Ventilation.

Section 11. For the purpose of ventilation the mines shall be furnished with not less than one hundred cubic feet of air per minute for each person employed in the mine, or three hundred cubic feet of air per minute for each machine, mule or other draught animal in the mine, the measurements to be made at any point of the intake airways. The amount of air shall be so distributed as to give all employes air of reasonable purity to keep the working places in a healthy condition, free from noxious gases and deleterious air, and no more than one hundred men to work on any split of air. In mines generating explosive gas of a sufficient quantity to be detected by an ordinary safety lamp, the quantity shall not be less than two hundred cubic feet of air per minute for each person and six hundred cubic feet for each machine, mule or other draught animal, and the mine shall be operated with locked safety lamps and examined by a competent person each morning before the men enter their working places.

Digitized by Google

Doors, Breakthroughs and Brattices.

Section 12. Doors, curtains or brattices shall be placed in such places as may be designated by the mine manager. All doors set on entries, for the purpose of conducting ventilation shall be made sufficiently tight to effectually obstruct the air current. Breakthroughs shall be made every sixty feet, first breakthrough in rooms not to exceed thirty feet from entry; all breakthroughs must be not less than five feet wide at any point in said breakthrough. It shall be the duty of mine owners to close, or caused to be closed, all entry breakthroughs with air-tight brattices with the exception of the one nearest the working place of the employes, or two if necessary, no obstruction of any kind to be placed in the breakthrough nearest the working place. Curtains shall not be permanently used on entries or airways without the written consent of the State inspector of coal mines.

Purity of Oils.

Section 13. Only pure animal or vegetable oil or other means for illuminating purposes equally as safe and free from smoke or offensive odor shall be used in any coal mine in this State; and for the purpose of determining the purity of oils the State board of health shall fix the standard of purity of the said oils and establish regulations for testing the same, and when so determined and established it shall be recognized by all of the courts of this State. And in any case when any material, substance or other means of illuminating is used for illuminating purposes, as by this act contemplated, any refuse part thereof remaining after use which gives off any gas or offensive odor shall, by the person using it, be removed from the mine at the end of his day's work. Any person, firm or corporation, either by themselves, agents or employes selling or offering to sell for illuminating purposes in any mine in this State any adulterated or impure oil, or oil not recognized by the State board of health as suitable for illuminating purposes, or other substance to be used for illuminating purposes not equally as safe and free from smoke or offensive odor as oils contemplated by this act, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined not less than twenty-five dollars nor more than one hundred dollars for each offense; and any mine owner, lessee, operator or employe thereof who shall knowingly use, or any mine owner, lessee or operator who shall knowingly permit to be used for illuminating purposes in any mine in this State, any impure or adulterated oil or any oil or other means of illuminating, the use of which is forbidden by this act, shall upon conviction thereof, be fined not less than five dollars nor more than twenty-five dollars.

Regulations for Oil.

Section 14. The oiling or greasing of cars inside of any mine is strictly prohibited, unless the place where said oil or grease is used is thoroughly cleaned at least once each working day to prevent the accumulation of waste oil or grease on the roads or in the drains at that point. Not more than two barrels of lubricating oil shall be permitted in any mine at one time, and it shall be kept in a fireproof building, cut

Digitized by Google

out of a solid rock, or made of masonry or concrete of sufficient thickness to insure safety in case of fire. But this shall not prevent a sufficient quantity of oil being sent in for machines.

Electricity.

Section 15. In all coal mines in this State where electricity is or shall be used as a part of the system power or means of mining and securing the coal from said mine, the wiring shall be carefully and thoroughly insulated or protected, except trolley and negative wires, so that the person or animals coming in contact therewith shall not be injured thereby.

Gasoline Engines, Location, Approval, Hand Fire Extinguishers.

Section 16. Where gasoline engines are used in the coal mines, the exhaust must be properly cared for, and all gasoline pumps shall be placed in such a position that the fumes from the pumps will not vitiate the air or injure the health of the employes. The supply of gasoline required for the operation of said pump or engine shall not exceed one day's supply, and shall be taken into the mine only in sealed metal tanks, so constructed that the oil supply can be changed without pouring the oil from one tank to another. At all hoisting shafts, air shafts, escape shafts and places of exit, boiler and engine rooms, stables in mines and places where gasoline engines are used, there shall be kept ready for use at all times at least two good hand fire extinguishers, conveniently placed for immediate use when needed.

Boiler and Engine Room Location.

Section 17. All boiler and engine rooms to be located or constructed on the surface at any mine, from and after the enactment of this act, shall be constructed of non-combustible material, except rafters, roofboards, studding and coal bins, which shall be kept whitewashed; and in no case shall the boiler room be placed within less than sixty feet of the hoisting shaft, slope or drift, and no obstructions shall be placed between the engine room or hoisting shaft, so as to obstruct the view of the engineer.

Inflammable Buildings.

Section 18. It shall be unlawful to erect any inflammable building within one hundred feet of the fan house, and in any building erected between fan house and hoisting shaft no explosives shall be stored.

Wash Houses.

Section 19. For the protection of the health of the employes hereinafter mentioned, it shall be the duty of the owner, operator, lessee, superintendent of, or other person in charge of every coal mine, at the request in writing of twenty or more employes of such mine, or in event there are less than twenty men employed, then, upon the written request of one-third of the number of emloyes employed, to provide a suitable wash room or wash house for the use of persons employed, so that they

Digitized by Google

may change their clothing before beginning work and wash themselves and change their clothing after working. Said room shall be separate from the engine or boiler room, and shall be maintained in good order, be properly lighted and heated and be provided with clean, cold and warm water.

Time for Constructing Escape Shafts or Other Exits.

Section 20. In all mines there shall be allowed six months to make escape shafts or other means of exit, as provided by law, the time to date in all cases from hoisting of coal from main shaft, slope or drift, but not more than twenty-five persons shall be employed in such mine at any time until the provision of the law relating to escape shafts, or other means of exit, shall have been complied with, and after the expiration of the period above mentioned, it shall not be operated until made to conform to the provisions of law with reference to the escape shaft or other means of exit.

Two Places of Egress.

Section 21. The owner, operator, lessee or person in charge of any mine hereafter constructed and operated by shaft, or one having a slope or drift opening in which five or more persons are employed, shall construct and maintain at least two distinct openings, which in mines operated by shaft shall be separated by natural strata of not less than three hundred feet in breadth, and in mines operated by slope or drift, not less than two hundred feet in breadth, to which ingress and egress at all times shall be unobstructed to the employes and persons having occasion to use the same as escape ways or place of exit from the mine.

Escape Shafts Equipped with Stairway—How Constructed.

Section 22. All escape shafts hereafter constructed not provided with hoisting appliances as hereinafter provided, shall have stairs at an angle of not more than forty-five degrees in ascent, nor less than eighteen inches wide in the clear, with proper, safe and substantial landing at convenient and easy distances and equipped with good and substantial hand rails or banisters. If shaft be used for an escape shaft and air shaft, that part of the shaft used as an escape way shall be divided and partitioned closely with good and substantial material from the part used as an air shaft, all of which shall be kept in a safe condition as by this act provided.

Escape Shaft Equipped with Hoisting Apparatus.

Section 23. All escape shafts not provided with stairs shall be provided with suitable appliances for hoisting underground workmen, ready for use at all times, both day and night, while the workmen are at labor, which hoisting apparatus shall be separate and apart from the hoisting shaft, and the equipment shall include a depth indicator brake on the drum, steel or iron cage, safety catches on cages and covers on cages to securely protect any person while on the cage.

Digitized by Google

Traveling Ways—How Constructed—Sign Boards.

Section 24. In any mine affected by this act, and every seam of coal worked therein there shall be constructed, kept and maintained, safe and accessible traveling ways from the escape ways or place of exit to main haulage roads, which shall be maintained free from falls of roof, standing water, or other obstructions. At all points where the passage or traveling ways to the escapement shaft or place of exit intersect other road ways or entries, conspicuous sign boards shall be placed thereat; indicating the way to such place of exit.

Escape Ways Kept Free from Foul Air, Ice and Obstructions.

Section 25. The escape way shall be ventilated and kept free from vitiated air, accumulations of ice and obstructions of every kind; nor shall steam or heated air be discharged therein during the day time, unless an attendant be kept in charge thereof and the equipment so arranged that the steam or warm air may be readily turned off at any time when required, and a conspicuous sign board placed in plain view, indicating the point where the steam or warm air may be turned off, as by this act contemplated; and all surface or other water which flows therein, shall be conducted by rings or otherwise to receptacles for the same so as to keep the stairway reasonably free from falling water.

Lights at the Top and Opening of Shaft.

Section 26. In all cases, after twilight, or when by reason of steam or other causes obscuring the plain view of the top or opening of any shaft, there shall be maintained a good and substantial light, but in no case shall an open light or torch be used.

Traveling Way Around Bottom of Hoisting Shaft.

Section 27. At the bottom of each hoisting shaft there shall be constructed a safe and convenient traveling way around the shaft for employes and animals, and it shall be unlawful for any person to pass across the shaft bottom in any other manner or in any other way than the traveling way herein contemplated, except such employes as may be necessary to perform the work at the bottom of the shaft or those engaged in making repairs.

Stable Location—Construction—Not Used for Storage Purposes.

Section 28. The owner, operator, lessee, or person in charge of any mine shall not be allowed to locate any stable at a point in any mine where the air current supplied to the employes passes through such place. The materials used in the construction of the stables herein contemplated shall, as near as practicable, be incombustible, and such stables shall not be used as a place for storing, nor shall any inflammable material be stored therein, except such hay as may be necessary for one day's use, except in case of emergency.

Digitized by Google

Places of Refuge—Signals—Lights.

Section 29. On all single track haulage roads, where haulage is done by machinery, which roads the persons employed in the mine must use, while traveling on foot to and from their work, there shall be places of refuge on one side not less than three feet in depth from the side of the car, and not less than five feet long and not less than the height of the entry as driven and not more than sixty feet apart. On rope haulage roads means of signaling shall be established between the haulage engines at all points on the road. A conspicuous light must be carried on the front of every trip or train of such cars moved by machinery. On all haulage roads on which the hauling is done by draught animals whereon men are obliged to pass to and from their work, there shall be places of refuge not less than three feet in width from the side of the car and not less than five feet long and not less than the height of the entry as driven, and not more than sixty feet apart. Refuge places shall not be required in the entries on which room necks are turned at regular intervals not exceeding sixty feet apart, which furnished required refuge places. All places of refuge must be kept clear of obstruction, except supports, and no materials shall be stored or be allowed to accumulate therein.

Means of Communications—Safety Appliances, Etc.

Section 30. The operator or superintendent shall provide and maintain from the top to the bottom of every shaft where persons are raised or lowered, a metal tube suitably adapted to the free passage of sound, through which conversation may be held between persons at the top and bottom of said shaft, and also means of signaling from the top to to the bottom thereof, and shall provide every cage used for the hoisting or lowering of persons, with a sufficient overhead covering to protect these persons when using the same, and shall provide also for each said cage a safety catch approved by the mine inspector and to be tested by drop quarterly. The said operator or superintendent shall see that flanges with sufficient clearance, when the rope is wound around the drum, to prevent the rope slipping off the drum of every engine that is used for lowering and hoisting persons to and out of the mine, are used, and also, that adequate brakes are attached to the drums: Provided, That the rope shall be left around the drum at least one and one-half times when the cage is at the bottom of the shaft. Safety gates, to be approved by the mine superintendent, shall be so placed as to prevent persons from falling into the shaft. The ropes, chains and machinery, and all its connections used for lowering or raising the employes into or out of the mines shall be kept in a safe condition and inspected once every twenty-four hours by a competent person provided by the mine operator for that purpose, who shall make a daily record of such inspection in a book provided for that purpose, and such machinery and the method of its inspection shall be approved by the mine inspector.

Digitized by Google

Safety in Hoisting Men.

Section 31. Hoisting and Lowering Men. Every cage on which persons are carried must be fitted with iron bars or rings in proper place and sufficient number to furnish a secure hand-hold for every person permitted to ride thereon, and not more than ten persons shall be allowed to descend or ascend in any cage at one time, or such less number as may be fixed by the mine inspector. No person at any time shall be allowed to ride in the shaft or on any cage with a car, tools or other material or when such car, tools or material is on the opposite cage, except when absolutely necessary in the performance of work in the making of repairs; and no person shall ride upon a loaded trip while in any part of the mine, except the person or persons in charge thereof. Cages on which employes are riding shall not be lifted or lowered at a rate of speed greater than four hundred feet per minute.

Competent and Sober Engineers—Duties.

Section 32. The owner, operator or lessee or any person in charge of any mine shall not place in charge of any engine in and around the mine, any but competent and sober engineers, who shall not permit any person but those designated to handle, operate, or interfere with it or any part of the machinery, except such as may be necessary in making proper and needed repairs, and no person shall be permitted to talk to the engineer while in the performance of his duty in hoisting or lowering employes, coal or mineral. There shall be placed in plain view of the engineer while at his post of duty, at some conspicuous point, a code of signals as by this act provided, and which shall be in like manner placed at the top and bottom of the shaft, slope or drift; and it shall be the duty of the engineer at least once each day to carefully inspect all of the machinery and apparatus under his charge, and carefully note all of its parts, and if any defects appear which will endanger the life or limb of any employe in the use thereof, he shall cease operating the machinery until the defects are corrected.

Code of Signals.

Section 33. One bell: Hoist cage, stop cage when in motion.

Two bells: Lower cage.

Three bells: Hoist car of dirt.

Four bells: Men and cage ready to be hoisted; cage must always be stopped at landing on four bells.

Five bells: Hoist slowly, danger.

Notice to men at bottom coming up.—Ring four bells. After engineer gives one blast with whistle, get on cage and ring one bell to be hoisted. Engineer wanting cage while at bottom will give four blasts with whistle before moving cage.

Conveying of Explosives.

Section 34. Blasting powder or explosives must not be taken into or out of a coal mine, or moved from place to place in a coal mine along any entry or haulway, where there are electric wires, while the power

Digitized by Google

is on such wires, except when such powder or explosive is conveyed in insulated cars or packages.

Annual Report—Report of Accidents.

Section 35. The owner, lessee, operator or person in charge of any mine shall on or before the first day of August in each year, send to the office of the inspector, upon blanks furnished by the State, a correct return with respect to the year ending July first of each year, the quantity of coal mined and the number of persons ordinarily employed in, at and around such mine, designating the number of persons below and above ground. In all cases the owner, operator, lessee or person in charge of any coal mine in this State, upon the happening of any accident by which injury occurs to any of the employes above or below ground, shall immediately report the same to the mine inspector, which report shall contain a detailed statement of the extent of the accident, and the manner in which it occurred, which report shall conform to the standard form of reports as provided by the mine inspector in such cases.

Stretchers, Blankets and Bandages.

Section 36. The owner, operator, lessee or person in charge of any mine shall at all times keep in readiness for use in case of accident and at the mine at some convenient place, one good and substantial stretcher for each one hundred employes engaged in the operation of the mine, and proper and sufficient woolen blankets for each stretcher, together with a sufficient and reasonable supply of bandages.

Caps, Timbers and Props.

Section 37. The owner, agent or operator of any and all coal mines shall keep a supply of timber constantly on hand of sufficient length to be used as props and cap pieces, and the same shall be promptly delivered to the miner at his respective place of work, as he may designate in writing, on blanks to be furnished by the operator.

Duties of Mine Foreman, or Pit Boss.

Section 38. It shall be the duty of the mine foreman, or pit boss in charge of any mine or part thereof, to make careful inspection of the working places in the mine two times each week by himself or assistant, and at any such other time as in his judgment may be required. He shall give such directions and formulate such rules for the guidance of the men employed in the mine, as skillful and safe operation of the mine may require. He shall see that the miners are supplied with props, when ordered by the miner, of proper length, caps and other timbers necessary to securely prop the roof of such mine and the rooms wherein the men are employed, and such material shall be delivered to their working places. He shall keep a careful watch over the ventilating apparatus and air ways, together with all of the stoppings, doors and other means of directing the air current. He shall examine the escape shaft, man-way, the traveling ways leading thereto from the main entries, or cause them to be examined by a competent person, once each day, and a

Digitized by Google

written report of the conditions of such shaft, man-way and traveling ways shall be made and filed in the office at that mine, which shall be open for examination at all reasonable times to the representatives of the employes and such other persons entitled thereto. A copy of such report shall be sent each month to the mine inspector. If he finds the conditions of the escape shaft, man-way or traveling ways impassable or dangerous, he shall immediately upon the discovery of the defect, place such instructions at the defective place as may be reasonably necessary to apprise the employes of the danger.

Cause as to Property—Door, Etc.

Section 39. No workman or other person shall knowingly injure a water-gauge, barometer, air-course, brattice, equipment or machinery, obstruct or throw open any air way, disturb any part of the machinery connected with the mine; open a door of a mine and neglect to close it, endanger the mine or those working therein; disobey any order given in pursuance of law, or do a wilful act whereby the life of persons working therein or the security of the mine or the machinery connected therewith may be endangered; and it shall be unlawful for any workman or person to place any refuse material or any obstruction in any part of the air-course or any part of the breakthrough, entries or rooms other than as by this act provided.

Blasting in Mines.

Section 40. When the time for blasting arrives, blasting shall be in rotation, beginning at the innermost working place in each entry. Immediately upon lighting blast, miners must notify the succeeding miners by shouting the word "fire."

Riding Loaded Cars.

Section 41. It shall be unlawful for any employe, except employes in charge of such trip, to ride on any loaded trip of cars.

Intoxicants.

Section 42. No person shall go into, at, or around a mine, or the buildings, tracks or machinery connected therewith, while under the influence of intoxicants. No person shall use, carry or have in his possession, at, in, or around a mine, or the buildings, tracks or machinery connected therewith, any intoxicants.

Shall Prop Roof, Etc.

Section 43. Each miner or other person employed in the mine, shall securely prop the roof of the working place therein under his control, and shall obey any reasonable order, or orders, given by the superintendent or mine foreman relating to the security of the mine in the part thereof where he is at work. Such miner or other person, shall not be held to have violated the provisions of this clause if the owner, lessee or agent fails to supply the necessary props, caps and timbers as provided for in this act.

Digitized by Google

Shall Not Waste Props, Etc.

Section 44. Each miner, or other person shall avoid waste of props, caps, timber or other material. When he has props, caps, timber or other material unsuited for his purpose, he shall not cover up or destroy same, but shall place it near the track where it can be readily seen, and it must immediately be removed by the operator upon the request of the miner.

Intent to Defraud.

Section 45. No person shall erase or change a mark of reference or monument made in connection with measurements; change the checks or cars; wrongly check a car, or do any act with intent to defraud, and operator shall place stamp mark at end of each measurement in narrow work.

Sanitary Conditions.

Section 46. For the purpose of observing the best sanitary conditions possible in the mines of this State, no employe therein shall use any portion of the mine excavations as a water closet that is not at least twenty-five feet from any air current.

Penalty.

Section 47. Any person, firm or corporation violating any of the provisions of this act shall be guilty of a misdemeanor, and upon conviction shall be fined not less than ten dollars nor more than one hundred dollars, or be imprisoned in the county jail not exceeding thirty days, or both at the discretion of the court.

Section 48. All acts or parts of acts inconsistent with this act are hereby repealed.

REGULATING THE OPERATION OF BOATS.

(Act No. 113 of the Public Acts of 1909 as amended by Act No. 69, Public Acts of 1911.)

AN ACT regulating steam vessels and vessels operated by machinery, navigating the waters within the jurisdiction of this state, excepting vessels which are subject to inspection under the laws of the United States, and providing penalties for the violation hereof, and to declare waters navigated by such vessels public and navigable waters of the State of Michigan.

Inspector, Qualifications of.

The People of the State of Michigan enact:

Section 1. The commissioner of labor shall be charged with the administration of the provisions of this act, shall employ an inspector who shall have had at least five years' experience as a licensed master or en-

Digitized by Google

gineer on steam vessels navigating the Great Lakes or any of their tributary waters, and who shall be otherwise properly qualified to enable the commissioner of labor to carry said provisions into effect, and shall exercise supervision over him in the performance of his duties.

Duties of the Commissioner.

Section 2. The commissioner of labor shall annually or oftener if he has good cause to believe it reasonable, inspect or cause to be inspected every steam vessel or other vessel operated by machinery engaged in carrying passengers for hire, directly or indirectly, excepting vessels which are subject to inspection under the laws of the United States, examine carefully her hull, boats and other equipment, examine her engine and boilers, ascertain how long it will be safe to use the same, determine the pressure of steam to be allowed and to regulate the fusible plugs, safety valves and steam cocks as to insure safety and he may require such changes, repairs and improvements to be adopted and used as he may deem expedient for the contemplated route. He shall also fix the number of passengers that may be transported. He shall also, whenever he deems it expedient, visit any vessel licensed under this act, and examine into her condition for the purpose of ascertaining whether or not any party thereon having a certificate from him has conformed to and obeyed the conditions of such certificate and the provisions of this act. The owner, master, pilot, captain or engineer of such vessel shall answer all reasonable questions, and shall give all the information in his or their power in regard to said vessel, her machinery and the manner of managing the same. In case of damage by fire or by explosion, collision or stranding, or by means of an electrical apparatus he may investigate the cause thereof, and if found by him to have been occasioned by a violation of any of the provisions of this act or of the orders, regulations and requirements issued by him, he shall so certify to the prosecuting attorney of the county where such violation occurred, together with the names of the persons guilty thereof and the witnesses. All waters navigated by vessels subject to the provisions of this act are hereby declared to be public and navigable waters, subject to the jurisdiction of the State of Michigan.

Boilers to be Tested.

Section 3. The commissioner shall also test the boilers of all steam vessels carrying passengers for hire before the same shall be used, and at least once in every year thereafter. In subjecting to the hydrostatic test boilers called and usually known under the designation of high pressure boilers, the hydrostatic pressure applied must be in proportion of one hundred fifty pounds to the square inch to one hundred pounds to the square inch of the steam pressure allowed. In subjecting to the hydrostatic test that class of boilers usually designated and known as low pressure boilers, the commissioner shall allow as the working power of each new boiler a pressure of only three-fourths the number of pounds to the square inch, to which it shall have been subjected by the hydrostatic test and found to be sufficient therefor; but should said commissioner be of the opinion that such boiler by reason of its con-

Digitized by Google

struction or material will not safely allow so high a working pressure he may, for reasons specifically stated in his certificate, fix the working pressure of such boiler at less than three-fourths of said test pressure; and no boiler or pipe or any of the connections therewith shall be approved, which is made in whole or in part of bad material or is unsafe in its form or dangerous from defective workmanship, age, use or other cause. In addition to the hydrostatic test as herein provided, the commissioner may cause a hammer test to be made and an internal examination of such boiler or boilers so tested, whenever deemed necessary. Any boiler having been in use ten years or more may be drilled at the bottom of shell or boiler, and also at such other points as the inspectors may direct, to determine, the thickness of such material at those points, and the general condition of such boiler or boilers at the time of inspection and the steam pressure allowed shall be determined by such ascertained thickness and general condition of the boiler. He shall also see that all connections to the said boiler or engines are of suitable material, size and construction, and that the boiler, machinery and appurtenances are such as may be employed with safety in the service to be performed. He shall also satisfy himself that the safety valves are of suitable dimensions and that the weights of the same are properly adjusted so as to allow no greater pressure than the maximum amount prescribed by him, and that there is a sufficient number of gauge cocks, properly attached to the boiler so as to indicate the quantity of water therein, and suitable steam gauges to correctly show the amount of steam carried, and as to any other matter connected with such steam vessel or the machinery thereof that to said commissioner shall seem necessary to the safety of her passengers and crew, and he shall make such inspection, examination and test of naptha launches and electric or gasoline launches and their apparatus and machinery as will enable him to determine whether they can safely be used in navigation.

Duplicate Certificate, Where Kept.

Section 4. The commissioner, if satisfied that such vessel is in all respects safe and conforms to the requirements of this act, shall make and subscribe duplicate certificates, setting forth the age of the vessel, the length, breadth and depth, the date of the inspection, the name of the vessel, the name of the owner, the master, the number of licensed officers and crew which he deems necessary to manage the vessel with safety, the number of boats and life preservers required and the number of passengers that she can safely carry, and if a steam vessel, the age of the boiler and the pressure of steam she is authorized to carry. One of such certificates shall be kept posted in some conspicuous place on the vessel if practicable, or kept in some convenient place on the vessel to be designated by the commissioner in the certificate, accessible to any one demanding it, and the other copy shall be kept by the commissioner and by him recorded in a book to be kept for that purpose. If the commissioner refuse to grant a certificate of approval, he shall make a statement in writing, giving his reasons for such refusal, and deliver the same to the owner or master of the vessel.

Digitized by Google

Passengers Transported in Excess of.

Section 5. No greater number of passengers shall be transported upon any licensed steam vessel or other vessel included within the provisions of this act than the number allowed in the certificate of such vessel.

Construction of Steam Boats and Other Vessels.

Section 6. All steamboats and other vessels to which this act is applicable shall hereafter be so constructed that the woodwork about the boilers, chimneys, fire-boxes, cookhouses, stove and steampipes or any machinery or apparatus involving danger of fire, where such woodwork is exposed to ignition shall be so shielded by some incombustible material that the air may circulate freely between such material and woodwork or other ignitible substances, and before granting a certificate of inspection the commissioner shall require that all other necessary provisions be made throughout such vessel as he may judge expedient to guard against loss or damage by fire.

Stairways and Gangways.

Section 7. Every vessel engaged in carrying passengers for hire shall be provided with permanent stairways and other sufficient means convenient for passing from one deck to the other, with gangways large enough to allow persons freely to pass, which shall be open fore and aft of the length of the vessel, and to and along the guards, and shall be kept unobstructed.

Rules of Navigation.

Section 8. From and after the passage of this act the following rules shall be observed in navigating all steam vessels when under steam and all boats propelled by machinery on the waters within the jurisdiction of the state, excepting the waters which are under the jurisdiction of the United States.

First, When two steamboats are meeting end on, or nearly end on, so as to involve risk of collision, each shall alter her course to starboard, so that each may pass on the port side of the other after exchanging signals of one blast of the whistle;

Second, When two steam vessels are crossing so as to involve risk of collision, the vessel which has the other on her own starboard side shall keep out of the way of the other;

Third, When a steam vessel and a sailing vessel are proceeding in such directions as to involve risk of collision, the steam vessel shall keep out of the way of the sailing vessel;

Fourth, When by any of these rules one of two vessels is to keep out of the way the other shall keep her course and speed;

Fifth, Every vessel under steam when approaching another steamboat or small boat or vessel of any kind so as to involve the risk of collision, shall slacken her speed, or if necessary shall stop and reverse her engine, and every vessel under steam shall when in a fog go at a moderate speed;

Digitized by Google

Sixth, Any steam vessel overtaking another steam vessel shall keep out of the way of the last mentioned steam vessel;

Seventh, When two steam vessels are going in the same direction the stern steam vessel wishing to pass the other shall signal the forward steam vessel of her intention to pass on the port side by two distinct whistles, and to pass on her starboard side by one distinct whistle which shall be answered by the forward steam vessel with the same number of whistles, and the forward steam vessel shall keep on her course as though no signal had been given;

Eighth, Steamboats approaching each other shall, at not less than one hundred yards distance between each other, give a signal with one loud distinct whistle.

Ninth, When two steamboats are approaching each other, and, if the course of such steamboats is so far on the starboard side of each as not to be considered by the pilots as meeting end on or nearly so, or if the steamboats are approaching each other in such manner that passing to the right as in rule one is deemed unsafe by the pilot of either steamboat, the pilot so first deciding shall give two short and distinct blasts on his steam whistle, which the pilot of the other steamboat shall answer promptly by two blasts of his steam whistle, and they shall pass to the left on the starboard side of each other;

Tenth, When two steamboats are approaching each other and the pilot of either steamboat fails to understand the course or intention of the other whether from the signals being given or answered erroneously or from other cause, the pilot so in doubt shall immediately signify the same by giving several short and rapid blasts of the steam whistle, and if the boats shall have approached within one hundred yards of each other, both shall be immediately slowed to a speed barely sufficient for steerage way until the proper signals are given, answered and understood, or until the boats have passed each other;

Eleventh, When a steamboat is running in a fog or thick weather it shall be the duty of the pilot to cause a long blast of the steam whistle to be sounded at intervals not exceeding one minute;

Twelfth, Signals of distress shall be four distinct blasts of the whistle and shall be recognized by the master of any steamboat hearing the same, and he shall render such assistance as in his power;

Thirteenth, In construing these provisions due regard must be had to all dangers of navigation and to any special circumstances which may exist rendering a departure therefrom necessary in order to avoid immediate danger;

Fourteenth, Every steam vessel which is under sail and not under steam is to be considered a sailing vessel, and every vessel under steam or otherwise propelled by machinery, whether under sail or not, is to be considered a steam vessel;

Fifteenth, Every vessel not a steam vessel shall be provided with a suitable whistle with which to give the signals provided for in this section;

Sixteenth, Nothing in this act shall be construed to extend to any boat or lighter not being masted, or if masted and not decked, employed in the harbor of any town or city;

Seventeenth, All steamboats licensed under the provisions of this act

Digitized by Google

shall conform to and obey such other rules and regulations as the commissioner may prescribe, not inconsistent herewith;

Eighteenth, The commissioner and the inspectors provided for in this act are authorized to make further rules and regulations applying generally to all steamboats or especially to one or more of them, and on framing rules for the government of managers and employes of boats, the commissioner shall as far as practicable be governed by the general rules and regulations prescribed by the United States board of supervising inspectors of steam vessels;

Nineteenth, Every steam vessel or other vessel propelled by machinery, carrying passengers for hire on the waters within the jurisdiction of this state, shall have two copies of this section framed, one to be conveniently placed for the government of the pilot, and the other to be hung in a conspicuous place on the boat for the inspection of the passengers.

Lights to be Carried.

Section 9. The master of every steamboat or vessel propelled by machinery when navigating between sunset and sunrise, shall cause the same to carry the following lights:

First, At the foremost head a bright white light of such a character as to be visible on a dark night with a clear atmosphere at a distance of at least two miles; and be so constructed as to show a uniform and unbroken light over an arc of the horizon of twenty points of the compass, and to be so fixed as to throw the light ten points on each side of the vessel from right ahead to two points abaft the beam on either side;

Second, On the starboard side a green light of such a character as to be visible on a dark night with a clear atmosphere at a distance of at least two miles; and be so constructed as to show a uniform and unbroken light over an arc of the horizon of ten points of the compass, and be so fixed as to throw the light from right ahead to two points abaft the beam on the starboard side;

Third, On the port side a red light of such a character as to be visible on a dark night with a clear atmosphere, at a distance of at least two miles; and be so constructed as to show a uniform and unbroken light over an arc of the horizon of ten points of the compass, and to be so fixed as to throw the light from right ahead to two points abaft the beam on the port side. The green and red lights shall be fitted with inboard screens projecting at least thirty inches forward from the lights, so far as to prevent them from being seen across the bow: Provided, That boats having no superstructure may use the combination lights;

Fourth, All boats not propelled by machinery shall carry a white light visible on a dark night with a clear atmosphere over the entire horizon when used upon waters where motor boats are being used.

Fire Apparatus to be Carried.

Section 10. Every steam vessel permitted by her certificate to carry two hundred passengers or upwards shall be provided with a good steam fire pump or other equivalent apparatus for throwing water, the same to be at all times during the navigation of such vessel kept ready for immediate use, having at least one hundred feet of hose of suitable size

Digitized by Google

and of sufficient strength to stand a pressure of at least seventy-five pounds to the square inch.

Row Boats to be Carried.

Section 11. Every ferry boat propelled by steam or electricity shall be provided with at least one substantial boat fifteen feet or more in length, properly supplied with oars and kept tight and in good condition at all times and so attached to such ferry boat that it may in case of need be launched into the water for immediate use. Every steamboat or vessel propelled by machinery and carrying passengers for hire, directly or indirectly, shall be provided, if of the measurement of two hundred fifty and less than five hundred tons burden, with at least two substantial row boats with life lines attached and properly supplied with oars and kept tight and in good condition at all times, and so attached as to be capable of being launched into the water for immediate use in case of need; and if of the measurement of five hundred tons or more, with at least one first-class life boat and one row boat twenty-five feet long by seven wide, capable of carrying or supporting fifty persons each, and at least one row boat of the usual size and construction, all to be properly supplied with oars and kept tight and in good condition at all times and so attached as to be capable of being launched into the water for immediate use in case of need. Every such vessel may also be required to carry such other boats as the commissioner on account of the route or the number of passengers shall deem requisite, and the master of such vessel shall exercise and discipline his crew in the launching, use and management of the boat until they become skillful boatmen.

Life Preservers, Number of.

Section 12. Every steam vessel or vessel propelled by machinery used in the transportation of passengers for hire shall have a life preserver or life float for each passenger she is allowed to carry and for each member of her crew. At least one-half thereof shall be life preservers of a bouyancy not less than eighteen pounds, and the other half or part thereof may be life floats to be constructed of dry pine plank four feet long, two inches thick and twelve inches wide, with line properly attached in such manner as to be convenient for use; and it shall be the duty of the commissioner to satisfactorily ascertain that every life preserver and such life floats are as herein required. Such life preservers and life floats shall be kept in convenient accessible places in such vessel in readiness for immediate use in case of accident, and the places where the same are to be kept shall be designated in the commissioner's certificate and also pointed out by printed notices posted in such places as the commissioner directs. Every such vessel shall carry in convenient places at least ten buckets with dip lines attached, and three axes in good condition, but the inspectors may if they deem it necessary or proper require a larger, or in case of very small vessels, permit a smaller number of buckets and axes.

Digitized by Google

Safety Valve of Boilers, Obstruction of.

Section 13. Whoever intentionally loads or obstructs or causes to be loaded or obstructed in any way the safety valve of the boiler, or employs any other means or device whereby the boiler may be subjected to a greater pressure than the amount allowed by the commissioner's certificate, or intentionally deranges or hinders the operation of any machinery or device employed to denote the stage of the water or steam in any boiler, or to give warning of any approaching danger, or intentionally permits the water to fall below the prescribed low water limit of the boiler, shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than five hundred dollars, or by imprisonment for a term of not exceeding three years, or both in the discretion of the court having jurisdiction. If in the opinion of the commissioner of labor or inspector it is necessary to do so, the safety valve may be taken wholly from the control of all persons engaged in navigating such vessels and secured at the expense of the owner of the vessel by the commissioner.

Master, Pilot and Engineer, Examination of, License, Where Posted.

Section 14. Every person employed as master, pilot or engineer on board of a steam vessel or a vessel propelled by machinery, carrying passengers for hire shall, unless holding a license issued by a United States board of inspectors covering the class of vessels on which he is employed, be examined by the commissioner as to his qualifications, and if satisfied therewith he shall grant him a license for the term of one year for such boat, boats or class of boats as said commissioner may specify in such license. In a proper case the license may permit and specify that the master may act as pilot, and in case of small vessels also as engineer and pilot. The license shall be framed under glass and posted in some conspicuous place on the vessel on which he may act. Where it is impracticable to keep such license so posted is shall be kept on board accessible to any person demanding it. Whoever acts as master, pilot or engineer, without having first received such license, or upon a boat or class of boats not specified in his license, or owner, lessee or agent employing him, shall be liable to a penalty of fifty dollars for each day that he so acts, except as in this act otherwise specified, and such license may be revoked by the commissioner for intemperance, incompetency or wilful violation of duty.

Oil.

Section 15. No licensed vessel carrying passengers for hire shall be allowed to use in lamps, lanterns or other lights on such vessel, any oil which will not stand a fire test of at least one hundred twenty degrees Fahrenheit.

Vessel Name.

Section 16. Every vessel subject to the provisions of this act shall have her name and the port to which she belongs painted on her stern on a black background in white, yellow or gilt letters or on a white background in black, yellow or gilt letters of not less than three inches

Digitized by Google

in length. The commissioner may, however, in the case of small vessels, permit such names to be placed elsewhere and in letters of less length.

Receiving and Discharging Passengers.

Section 17. No vessel carrying passengers for hire shall receive or discharge passengers by any method or means whereby any risk of drowning or other accident might be incurred, and the inspector shall prescribe such regulations, approved by the commissioner of labor as will make the receiving and discharging of passengers safe and convenient.

Dangerous Articles not to be Carried on Licensed Passenger Vessel.

Section 18. No loose hay, camphene, nitro-glycerine, naptha, benzine, benzole, coal oil, crude petroleum or other like explosives, burning fluids or dangerous articles, shall be carried as freight or used in stoves on any steamer or vessel licensed to carry passengers under this act, except that refined petroleum which will not ignite at a temperature of less than one hundred twenty degrees Fahrenheit may be carried on the main deck of any vessel: Provided, The barrels or cases containing such oil are fully provided with a tarpaulin. Nothing in this section provided shall be construed to prevent any vessel of twenty tons burden or under which uses petroleum for fuel from carrying sufficient petroleum with which to replenish the fires and properly equip such vessel for use; said petroleum to be carried in metal cans or tanks, which shall be properly protected by a covering of wood or other substance which would equally protect from accident, and be approved by said commissioner, and to be conveyed from said cans or tanks to said fires through metal pipes.

Quantity of Steam to be Generated.

Section 19. No master, engineer or other person having charge of the boiler or apparatus for the generation of steam of any steamboat or vessel carrying passengers for hire, shall create or allow to be created any undue or unsafe quantity of steam in order to increase the speed of such boat or to excel another boat in speed. Any person violating the provisions of this section shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than five hundred dollars, or by imprisonment for a term of not exceeding three years, or both in the discretion of the court having jurisdiction.

Penalty.

Section 20. Every master, engineer or pilot who shall violate any of the provisions of this act shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than twenty-five dollars nor more than two hundred fifty dollars, or by imprisonment not exceeding one year, or both in the discretion of the court having jurisdiction, unless a different penalty is prescribed.

Digitized by Google

Owner, Responsible for.

Section 21. The owner of every steamboat or vessel shall be responsible for the good conduct of the master employed by him, and if any penalty incurred by such master is not paid by him and cannot be collected from him by due course of law, it may be recovered of the owner or owners jointly or severally of the steamboat or vessel in whose employ he was at the time of the incurring of such penalty, in the same manner as if such owner or owners were sureties of such master.

Laws to be Posted.

Section 22. The master of every vessel carrying passengers for hire shall keep a copy of the preceding section of this act posted in a conspicuous place on such vessel for the inspection of all persons on board thereof.

Report to be Made by the Commissioner.

Section 23. The commissioner shall, on or before the first day of January in each year, make a verified report to the governor, containing a detailed statement of the names and number of vessels examined and licensed, the names and number of vessels to which licenses were refused and stating the reasons for the refusal, the names and number of persons examined and licensed, the names and number to whom licenses were refused and stating the reasons therefor, and may include in such report any other information he may deem desirable.

When Certificates Shall Continue in Force.

Section 24. All steam vessels, naptha, gasoline and electric launches or any craft propelled by machinery carrying passengers for hire must comply with all the terms and provisions of this act, and with all orders, regulations and requirements of the commissioner. If any such vessel is navigated without complying therewith except as herein stated or without the requisite certificates of the commissioner, the owners and masters shall forfeit to the state of Michigan the penalties prescribed in this act, and the vessel so navigated shall also be liable therefor and may be attached and proceeded against in any court having jurisdiction. If any such vessel is deprived of the services of any licensed officer without the consent, fault or collusion of the master, owner or any person interested in the vessel, the deficiency may be temporarily supplied for ten days, until a licensed officer can be obtained: Provided, That only one unlicensed officer shall be so employed at one time to supply such deficiency. If the owner or master of any vessel shall, at least twenty days before the expiration of his certificate, notify the commissioner of such expiration and request a new inspection and certificate, the certificate then expiring shall continue in force until an inspection is made and such owners and masters are not liable for any of the penalties provided in this act on account of navigating said vessel without such new certificate.

Digitized by Google

Inspection Fee, to Whom Paid.

Section 25. For each inspection provided for in sections two and three of this act the owner or master of each vessel shall pay the commissioner of labor an inspection fee, which shall not be less than five dollars nor more than twenty dollars, to be fixed by the commissioner of labor with reference to the size of the vessel inspected, which size shall be ascertained by some practical method adopted by the commissioner of labor for the use of the inspector. For each license issued under section fourteen of this act the person so licensed shall pay to the commissioner of labor the sum of five dollars: Provided, That boats of twenty-five feet length or less, and six feet beam or less shall be exempt from the provisions of this section. All of the fees received from this source shall be accounted for by the commissioner of labor to the state treasurer, and credited to the general fund.

Compensation.

Section 26. The inspector provided for in this act shall receive six dollars per diem for the time actually engaged in making the inspections and examinations provided for herein, and shall be paid necessary traveling expenses when making such inspections and conducting such examinations at other than the domicile of said inspector, to be paid out of the general fund not otherwise appropriated, upon vouchers presented to the auditor general.

Deputy, Who so Deemed.

Section 27. Any inspector duly employed by the commissioner of labor for the execution of any of the provisions of this act shall be deemed to be a deputy of said commissioner for the purposes hereof.

Penalty for Additions, Interpolations or Erasures.

Section 28. Every master, pilot, engineer or operator licensed under the provisions of this act, who shall change, by addition, interpolation or erasures of any kind, any certificate or license issued by the inspector referred to in this act, shall for every such offense upon conviction be punished by a fine of not more than five hundred dollars or by imprisonment for a term of not exceeding three years, or both in the discretion of the court having jurisdiction.

Receiving Fees, Punishment for.

Section 29. Any inspector who upon any pretense receives any fee or reward for his services, except that which is allowed to him by law, shall forfeit his office and be otherwise punished by a fine of not more than five hundred dollars or imprisonment not more than six months, or both in the discretion of the court having jurisdiction.

Supplies.

Section 30. The commissioner of labor shall procure for the inspectors such instruments, stationery, printing and other things necessary for his and their official use as may be required therefor under this act.

Digitized by Google

Searchlight, Flashing of.

Section 31. Any person who shall flash or cause to be flashed the rays of a searchlight into the pilot house or into the eyes of the master, pilot, engineer or operator of an approaching or passing vessel, shall be deemed guilty of a misdemeanor, and may, if he be a master, pilot, engineer or operator licensed under the provisions of this act, be further liable to have his license revoked in the discretion of the court having jurisdiction of the offense. Searchlights shall not be known as navigating lights.

Section 31a. This act is immediately necessary for the protection of the public safety.

Certifying Falsely.

Section 32. Any inspector who wilfully certifies falsely touching any vessel under the jurisdiction of this state as to her hull, accommodations, boilers, engines, machinery or their appurtenances or any of her equipments, or any matter or thing contained in any certificate signed by him, shall be punished by a fine of not more than five hundred dollars or imprisonment for not more than six months, or both in the discretion of the court having jurisdiction of the offense.

Accident, Report to Whom Made.

Section 33. Within forty-eight hours after a vessel meets with an accident involving a loss of life or damage to property, it shall be the duty of the owner or the licensed officer in charge of such vessel to prepare a report setting forth the details of the casualty and swear to the same before an officer authorized to administer oaths generally, which report shall be forwarded by mail or otherwise to the commissioner of labor without delay.

Witnesses—Oaths.

Section 34. The inspector shall investigate all violations of the provisions of this act, and for such purpose shall have the power and is hereby authorized to subpoena witnesses and compel their attendance, and he may also administer all necessary oaths to any witnesses thus summoned.

Suspension or Revocation of License.

Section 35. In all cases where the issue is the suspension or revocation of a license, the accused shall be allowed to appear by counsel and to testify in his own behalf before the inspector.

May Appeal to the Commissioner.

Section 36. Whenever the inspector refuses to grant a license to any person applying for the same, or suspends or revokes the license of any master, engineer, pilot or operator, any person deeming himself wronged by such refusal, suspension or revocation, may, within thirty days thereof on application to the commissioner of labor, have his case examined

Digitized by Google

anew by such commissioner; and the inspector shall furnish to the commissioner in writing the reasons for his doings in the premises; and such commissioner shall examine the case anew and he shall have the same powers to summon witnesses and compel their attendance and to administer oaths that are conferred on the inspector; and such witnesses shall be paid in the same manner as provided for by section thirty-seven of this act; and such commissioner may revoke, change or modify the decision of such inspector; and like proceedings may be had by any master or owner of any vessel herein required to be inspected in relation to the inspection of such vessel or her boilers, machinery or other apparatus by such inspector.

Witness Fees and Traveling Expenses.

Section 37. The state treasurer shall pay such fees to any witness summoned as provided by the preceding section for his actual and necessary travel and attendance as shall be officially certified to upon the back of such summons by the inspector or commissioner hearing the case, not exceeding the rate allowed for fees and to witnesses for travel and attendance in any circuit court of the state.

COMPULSORY EDUCATION OF CHILDREN.

(Act 179, Public Acts of 1917.)

AN ACT to amend sections one, three and four of act two hundred of the Public Acts of nineteen hundred five, entitled "An act to provide for the compulsory education of children, for penalties for failure to comply with the provisions of this act, and to repeal all acts or parts of acts conflicting with the provisions of the same," being sections five thousand nine hundred seventy-nine, five thousand nine hundred eighty-one and five thousand nine hundred eighty-two of the Compiled Laws of nineteen hundred fifteen.

The People of the State of Michigan enact:

Section 1. Sections one, three and four of act two hundred of the Public Acts of nineteen hundred five, entitled "An act to provide for the compulsory education of children, for penalties for failure to comply with the provisions of this act, and to repeal all acts or parts of acts conflicting with the provisions of the same," and acts amendatory thereof, being sections five thousand nine hundred seventy-nine, five thousand nine hundred eighty-one and five thousand nine hundred eighty-two of the Compiled Laws of nineteen hundred fifteen, are hereby amended to read as follows:

Section 1. Every parent, guardian or other person in the State of Michigan, having control and charge of any child between the ages of seven and sixteen years, shall be required to send such child to the public schools during the entire school year, and such attendance shall be con-

Digitized by Google

tinuous and consecutive for the school year fixed by the district in which such parent, guardian or other person in parental relation may reside: Provided, That in the following cases children shall not be required to attend the public schools:

(a) Any child who is attending regularly and is being taught in a private or parochial school such branches as are usually taught in the public schools to children of corresponding age, or who, upon the completion of the work in such schools, shall present satisfactory evidence to the county commissioner of schools, and in appropriate cases, to the superintendent of schools, that he has completed sufficient work to entitle him to an eighth grade diploma;

(b) Any child who has received an eighth grade diploma from the public schools;

(c) Any child who is physically unable to attend school. If the truant officer is notified of the non-attendance of any child at school, and he shall find the one in parental control claiming that such child is physically unable to attend school, the truant officer may secure a written statement of a competent physician, certifying that such child is physically unable to attend school;

(d) Children over fourteen years of age who have completed the work of the sixth grade whose services are essential to the support of their parents may be excused by the county commissioner of schools or city superintendent of schools from attendance at school, on the recommendation of the board of education of the district in which such children reside, and said board shall certify to the officers herein mentioned the facts in all such cases: Provided, Nothing in this act or any other act shall prevent children fourteen years of age or over from procuring a permit to work outside of school hours, during the school year;

(e) Children under nine years of age, whose parents do not reside within two and one-half miles, by the nearest traveled road, of some public school: Provided, That if transportation is furnished for pupils in said district, this exemption shall not apply;

(f) Any child twelve to fourteen years of age while in attendance at confirmation classes conducted for a period of not to exceed five months in either of said years: Provided, however, That any child claiming exemption from attending school under subdivisions (a) or (b) hereof, shall secure such permit as may be required under the statutes of Michigan covering the employment of minors, and shall be regularly employed at some lawful work if physically able so to do, or any child who has completed the work of the eighth grade who wishes to assist with the housework or farm work at home may be granted an excuse for such work. Such child must present to the officer who issued the excuse satisfactory evidence each month that he or she is actually assisting with said housework or farm work.

SECTION 3. (a) It shall be the duty of the school director of all school districts, except in city, graded and township districts, to provide the teacher, at the commencement of school, with a copy of the last school census, together with the names and addresses of the persons in parental relation, also address of the county commissioner of schools. The teacher shall, at the opening of school and at such other times as may be necessary, compare said census list with the enrollment of the

Digitized by Google

school and report to the county commissioner of schools the names of the parents or other persons in parental relation whose children of the ages hereinbefore mentioned are not in regular attendance at school, also the names of parents or other persons in parental relation who have children of school age not included in such census and who do not attend school;

(b) In all city, graded and township districts the secretary of the board of education shall, at the commencement of school, furnish a copy of the last school census to the superintendent of schools in such city, graded and township districts, together with the name and address of the truant officer under whose jurisdiction they act, and it shall be the duty of said superintendent at the opening of school to compare said census list with the enrollment of the school or schools, and from time to time as it may be necessary report to the proper truant officer the names and addresses of any parents or other persons in parental relation whose children of the ages hereinbefore mentioned are not in regular attendance at the public schools, also the names of parents or others in parental relation whose children are not in the school and whose names are not included in such census; it shall be the duty of the principal, or any other person or persons in charge of every private and parochial school in any city or township of the county at the opening of such schools to furnish to the said superintendent or county commissioner of schools the name, age and grade of the child and the city or number of the district, the township and county where the parent, guardian or person in parental relation resides and the name and address of the parent, guardian or other person in parental relation of every child who has enrolled in such schools, and from time to time to report to said superintendent or county commissioner the name, age and grade of the child and city or number of the district, the township and county where the parent, guardian or person in parental relation resides and the name and address of every child who has enrolled in such schools, and the name, age and grade of the child and the city or number of the district, the township and county where the parent, guardian or person in parental relation resides and the name and address of the parent, guardian or other person in parental relation of every child who is not in regular attendance in such schools;

(c) It shall be the duty of the truant officer of the city or district, whenever notified by the teacher, superintendent, or other person or persons of violations of this act, and the county truant officer, when notified by the commissioner of schools, to investigate all such cases of truancy or non-attendance at school, and if the children complained of are not exempt from the provisions of this act under the conditions named in section one, then he shall immediately proceed as it is provided in section four of this act: Provided, That it shall be the duty of the county truant officer when requested to do so by the county commissioner of schools to inspect the out-houses in primary districts and order repairs on the same, and in case the district board, after proper notification by the truant officer, fails to have such outhouses put in proper and sanitary condition it shall be the duty of the said truant officer to have such work done at the expense of the district;

(d) In case any parent or other person in parental relation shall fail to comply with the provisions of this act, he shall be deemed guilty

Digitized by Google

of a misdemeanor, and shall on conviction thereof be fined not less than five dollars nor more than fifty dollars, or imprisonment in the county or city jail for not less than two nor more than ninety days, or both such fine and imprisonment in the discretion of the court.

SECTION 4. (a) It shall be the duty of the county commissioner of schools to furnish the truant officer of the county, at the opening of the schools, with a list of the teachers and superintendents employed in his county in school districts other than in such city, graded and township districts as are described in section two of this act;

(b) In case any parent or other person in parental relation shall fail to send the child or children under his or her control to the public school, the truant officer, upon having notice from proper authority of such fact, shall immediately and within twenty-four hours thereafter give formal written notice in person or by registered mail, to the parent or other person in parental relation, that the child or children under his or her control shall present himself or themselves at the public school, except as hereinbefore provided, on the day following the receipt of such notice, with the necessary text-books for instruction in the proper school or schools of the district or city. Said notice shall inform the parent or other person in parental relation of the date that attendance must begin and that such attendance at school must be continuous and consecutive during the remainder of the school year as taught in the district. The truant officer shall, at the same time the said formal notice is given to the parent or person in parental relation, notify the teacher or superintendent or commissioner of the fact of notice, and it shall be the duty of the teacher or superintendent or commissioner to notify the truant officer of failure on the part of the parent or other person in parental relation to comply with said notice;

(c) It shall be the duty of all truant officers, after having given the formal notice hereinbefore described, to determine whether the parent or other person in parental relation has complied with the notice, and in case of failure to so comply he shall immediately and within three days after having knowledge or being notified thereof, make a complaint against said parent or other person in parental relation having the legal charge and control of such child or children, before any justice of the peace in the county where such party resides for such refusal or neglect to send such child or children to school; and said justice of the peace shall issue a warrant upon said complaint and shall proceed to hear and determine the same in the same manner as is provided by statute for other cases under his jurisdiction, and in case of conviction of any parent or other person in parental relation shall be punished according to the provisions of section three of this act: Provided, That in cities having a recorder's court and justices of the peace, the truant officer shall make the aforesaid complaint before the magistrate of said recorder's court or before a justice of the peace, and said magistrate or justice shall issue a warrant and proceed to hear and determine the case in the same manner as is provided in the statute for other cases under his jurisdiction;

(d) It shall be the duty of all school officers, superintendents, teachers or other persons to render such assistance and furnish such information as they may have at their command to aid such truant officer in the performance of his official duty.

Digitized by Google

Digitized by Google

MICHIGAN FREE EMPLOYMENT BUREAUS.

Digitized by Google

Digitized by Google

Work Accomplished by the Ten State Free Employment Bureaus.

Recognition of the fact that labor is one of the most perishable products offered for sale in any market, and that failure on the part of him who wishes to sell and him who desires to buy to promptly accomplish their related purpose and to exchange their commodities and their values necessarily means loss to both parties, led to the establishment of employment bureaus and employment agencies. Further thought of the direct interest of society as a whole and of communities and state in prevention of loss through lack of market facilities for labor brought about the establishment of State Free Employment Bureaus.

Act No. 37, Public Acts of 1905, directed the Commissioner of Labor to establish free employment bureaus in all cities in the state having a population of over 50,000 and authorizing the use of Labor Department funds for the purpose of advertising, not to exceed $500 in any one year. Under the provision of this act two such bureaus were established, one in the city of Detroit, and one in the city of Grand Rapids, they being the only cities coming under the jurisdiction of the provisions of the Act. In 1907 further provision was made through legislative enactment for the establishment of free employment bureaus at Saginaw, Kalamazoo, and Jackson. In 1911 the Commissioner of Labor was authorized to establish five more free employment bureaus at Battle Creek, Bay City, Flint, Muskegon and Traverse City, but because of the fact that no funds were provided to meet the expenses required in connection with the operation of such additional bureaus the establishment and operation were not entered upon. The Legislature of 1915 created three more free employment bureaus, at Lansing, Bad Axe and St. Louis and provided additional appropriation for their maintenance.

All of these ten state agencies for the bringing together of the seekers for employment and those in need of temporary or permanent labor are now in the midst of increasingly successful operation.

Further recognization as to the success of the Michigan Free Employment Bureaus may be gleaned by the results of the work achieved from December 1, 1916, to November 30, 1917. During that period there were 37,805 applications from employers and 119,629 asked for by these employers. There were 38,632 new registrations, and 72,560 renewals from persons applying for work. Persons referred to positions for the year reached the enormous total of 111,192, and out of that number referred to positions there were 108,463 positions filled, which was 4,415 more positions filled than during the previous year.

The work of the ten Free Employment Offices from December 1, 1916, to November 30, 1917, is shown in detail in the following tables:

Digitized by Google

MICHIGAN FREE EMPLOYMENT BUREAUS.

Number of positions secured for the year beginning December 1, 1916, and ending November 30th, 1917.

Battle Creek Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Apprentices	4												4
Auto drivers									3				3
Auto repair men								2	2				4
Blacksmiths											1		1
Bookkeepers									4	1			5
Boys	2	1		3	4		3	2	10				25
Canvassers			2										2
Car checkers								1	5				6
Carpenters	2							12	9	40	10		73
Chefs										7			7
Cherry pickers								2					2
Cleaners	2	2		4	22	26	5						61
Clerks					1								1
Coal heavers	25	35	21	19	7	8	8	12	20	4	10		169
Cooks				2	1				4	21	15	2	45
Dishwashers	2	5	3		4	2	1	8	4			3	32
Ditchers						1							1
Drivers					4	3							7
Electricians								1	6	2	4	1	14
Express drivers									2				2
Factory helpers		4		5	13	25	5	109		87	35		283
Farm hands	2	4	6	12	9	11	11	79	36	21	45	25	261
Firemen						1							1
Foundry help										10	10		20
Gardeners							4	3					7
Grocery clerks									4				4
Handymen	4	4	8	6	8	22	4		9		15	25	105
Helpers	7	1			1	6	5		3				23
House men								5	10	3	10	5	33
Janitors		1	2	2	1	1			4		3		14
Kitchen helpers		1							4	15			20
Laborers	15	18	11	3	17	16	14	15	203	80	210	150	752
Laundry workers												119	119
Lawn workers							4		2				6
Lumber handlers	5								3	3			11
Machinists		1				7			8	3	25	10	54
Painters						5	2	6	3	4			20
Pipe fitters										3			3
Press feeders									1	4			5
Punch press men	1												1
Repair men	4					7							11
Roofers							1						1
Stable men										50			50
Stock men									2				2
Switchmen						1			2			1	4
Teamsters	1	1	1	1				4	2				10
Threshermen									6				6
Tool makers		1										3	4
Truck drivers				1									1
Waiters										19	11		30

Digitized by Google

Battle Creek Office.—Men.—Continued.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Warehouse men	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Window washers	.....	.....	.....	2	3	4	1	1	.....	.....	2	15	28
Wood cutters	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Yardmen	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Totals	77	79	54	60	95	146	69	262	371	377	407	359	2,356

Battle Creek Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Chambermaids	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	4	15	20
Cleaners	.....	.....	4	3	2	2	.....	.....	.....	.....	.....	.....	11
Clerks	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Cooks	1	1	.....	1	2	1	1	.....	2	2	3	2	16
Day workers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	11
Dishwashers	.....	4	.....	.....	5	.....	2	.....	.....	.....	.....	.....	11
Domestics	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2
Factory workers	2	.....	.....	.....	.....	.....	.....	3	9	10	.....	50	74
House keepers	1	1	1	.....	1	2	.....	.....	5	3	.....	.....	14
House workers	8	6	3	4	5	4	1	10	12	7	10	25	95
Laundresses	2	2	.....	4	.....	1	.....	.....	.....	2	2	10	23
Machine hands	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2
Nurse maids	.....	.....	1	1	2	.....	.....	.....	.....	.....	.....	.....	4
Salesladies	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	4
Scrub women	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	4
Stenographers	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	4
Waitresses	.....	.....	.....	.....	1	.....	.....	.....	3	.....	7	.....	11
Totals	17	14	9	14	19	10	5	13	31	27	43	105	307

Digitized by Google

Bay City Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Apprentices										2			2
Bell boys		5											5
Boat men					5								5
Bookkeepers									1				1
Carpenters	1		2										3
Chauffeurs											4		4
Chefs											2	2	4
Clerks	3		3	3		6		4	5	1	3	12	40
Construction workers								14					14
Cooks	3				2	3	3			2			13
Day workers									5	12	8	5	30
Demonstrators					4								4
Electricians										2			2
Engineers	1	1	2		1	1							6
Factory helpers	28			19		14	21	15	30	28	42	47	244
Farm hands	9	6	9	19	19	18	18	23	22	10	11	5	169
Firemen		4				1		2					7
Foundry help					5								5
Laborers	39	17	36	11	13	23	22	19	24	24	22	43	293
Machinists			6	5	10	11		6					38
Meat cutters										2			2
Messengers		2	2		1			1					6
Office work											6		6
Porters	7	4	2				3					4	20
Railroad men										4	3	11	18
Ship carpenters								1				6	7
Solicitors										1			1
Teamsters								3					3
Waiters			2										2
Watchmen					1								1
Woodsmen	15	10								2	4	10	41
Totals	106	49	64	57	61	77	67	88	87	90	105	145	996

Bay City Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Bindery workers											2		2
Bookkeepers					1								1
Chambermaids								2		3	5		10
Clerks									2	5			7
Cooks		2	2	1		2				5	4	2	18
Day workers	5	4	5	4	6	5	7	2	2	7	2		49
Dishwashers						3		1					4
Domestics	6			5			1	3	3		4		22
Factory workers		2									4	9	15
House keepers		1	1										2
House work		1	1		2							8	12
Nurses								1					1
Office helpers												2	2
Solicitors											1		1
Stenographers								1	2			1	4
Telephone operators			1										1
Waitresses	6	2	2	2					1				13
Totals	17	12	12	12	9	10	8	10	10	20	22	22	164

Digitized by Google

Detroit Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Acetylene welders		1					1	2	6				10
Acme operators	3			2									5
Assemblers			4	22	37	5	8		1				77
Auto drivers								4		11	6	16	37
Auto repair men	4												4
Bakers							4	11	14			3	32
Barn men	4	3	3	2	4	3	2		12				33
Belt men			3	1									4
Beach hands			15	5	45	4	9	4	26	3	3	10	124
Bill distributors										12	6	4	22
Blacksmiths	2	3	2	2	3	7	6	5	18	5		4	57
Blasters					2								2
Boiler makers					5								5
Boiler operators	8		17	10		4	8						47
Boys	31	35	24	50	109	125	39	48	46				507
Brass moulders			6										6
Brick layers		2					12		11				25
Buffers	2		7										9
Buss boys										8	13		21
Butchers							2						2
Cabinet makers		2	4						2				8
Carpenters	17	49	28	24	56	23	55	39	112	55	23	80	561
Clerks	1		2	2	3		6			8	24	21	67
Coal miners	4				11			75	21	38	15	40	204
Cooks		6	4	14		15	19	26	10	29	15		138
Die makers				2			2		3				7
Dishwashers	30	84	85	130	244	237	172	140	130	110	45	47	1,454
Draftsmen							14						14
Drill press men		1	6	4	77	18	34	20	43	67	26	17	313
Divers					4								4
Druggists									1				1
Dry goods packers									20	50	44	28	142
Electricians	1	3	2	1	4	1	3	5	2				22
Elevator men	1			2		2			7	4	7		23
Engineers			4	2	4	2	3	2	1	5		14	37
Express handlers									10	116	64	61	251
Farm hands	20	31	81	93	271	238	323	605	309	118	176	37	2,302
Firemen	10	4	15	8	19	15	40	20	31	28	20	32	242
Fishermen				5									5
Furniture packers										19	10		29
Gardeners	6				9	29	6	5	13				68
Gear cutters							4						4
Grinders		12	20	6	29		23	9	14	6	4		123
Handy men	192	145	120	218	338	453	281	143	64	54	167	112	2,287
Harness makers									1				1
Inspectors	2	16						3	4				25
Iron workers									5	18	8	8	39
Janitors	3	10	11	9	9	12	5	9	4	13	3	20	108
Laborers	2,323	3,002	2,004	2,770	5,476	4,315	5,000	5,000	4,192	4,571	3,276	3,227	45,156
Landis grinders					43								43
Lathe hands	3		10	9	27	15	12	12	17	8		43	156
Laundry men												13	13
Locksmiths								6	3				9
Machinists	5	20	29	29	148	37	26	23	31	26	138	29	541
Messenger boys										27	41	9	77
Metal polishers										11	1		12
Mill wrights	7	2	8	1	25		2	6	3				54
Moulders												12	12
Office work									1				1
Oilers				1	11								12
Painters	6	11	14	10	18	34	4	8	23	22	8	37	195
Paper hangers				3		2			1				6
Pattern makers				2									2
Pin setters										17	10	8	35
Planers									10				10

Digitized by Google

Detroit Office.—Men.—Concluded.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Plasterers	.....	3	.....	.....	.....	.....	.....	7	1	.....	.....	.....	11
Plumbers	.....	2	.....	1	.....	.....	5	7	9	15	19	20	78
Polishers	.....	.....	4	.....	.....	1	.....	.....	.....	.....	.....	.....	5
Porters	11	7	20	47	24	37	16	33	19	23	5	16	258
Power machine hands	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	4
Press feeders	.....	.....	.....	.....	.....	.....	.....	3	23	.....	.....	.....	26
Punch press hands	.....	5	.....	.....	85	3	.....	.....	22	.....	.....	.....	115
Repair men	.....	.....	6	.....	.....	.....	17	.....	.....	.....	.....	.....	23
Rip sawyers	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Riveters	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Roofers	.....	.....	.....	.....	.....	2	.....	6	2	17	10	42	79
Sailors	.....	.....	.....	.....	.....	.....	.....	.....	12	41	27	35	115
Sanders	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Sheet metal workers	16	.....	.....	.....	63	10	13	.....	1	.....	.....	.....	103
Ship builders	.....	.....	.....	.....	.....	.....	.....	.....	.....	27	.....	.....	27
Solders	1	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Spot welders	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Steam fitters	5	14	8	.....	3	4	13	8	19	30	44	45	193
Stenographers	.....	.....	.....	2	.....	6	.....	.....	1	.....	.....	.....	9
Sticker hands	.....	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	7
Stock keepers	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	10
Switchmen	.....	.....	.....	.....	.....	.....	.....	17	.....	.....	.....	.....	17
Teamsters	106	121	120	87	139	114	154	95	106	133	235	157	1,567
Time keepers	.....	.....	.....	3	.....	14	.....	3	.....	.....	.....	.....	20
Tinsmiths	.....	.....	.....	2	.....	.....	.....	.....	3	6	2	4	17
Tool makers	6	8	7	3	24	1	4	.....	118	.....	.....	.....	171
Track foremen	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	4
Typists	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2
Upholsterers	.....	.....	3	.....	.....	.....	.....	.....	.....	4	.....	.....	7
Varnish rubbers	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	6
Waiters	5	2	4	2	4	4	.....	11	7	9	17	2	67
Watchmen	6	9	6	3	18	22	7	8	8	11	7	13	118
Wood turners	.....	.....	.....	1	.....	.....	.....	6	.....	.....	.....	.....	7
Woodworkers	.....	.....	.....	.....	.....	.....	.....	.....	29	.....	.....	.....	29
Totals	2,841	3,622	2,710	3,595	7,398	5,818	6,354	6,434	5,618	5,779	4,519	4,266	58,954

Detroit Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Chambermaids	5	11	6	7	11	5	9	4	8	.....	.....	.....	66
Cleaners	.....	.....	.....	.....	.....	.....	.....	.....	67	121	.....	18	206
Clerks	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6	4	11
Cooks	4	5	1	.....	.....	5	3	7	9	.....	.....	.....	34
Dishwashers	7	6	.....	11	.....	15	33	24	7	16	.....	6	125
Distributors	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	.....	.....	19
Domestics	13	6	8	13	4	43	11	9	5	3	10	15	140
Factory help	12	3	11	14	14	11	5	6	2	6	23	15	122
House keepers	.....	3	.....	6	.....	8	3	3	5	5	4	6	43
Janitresses	1	.....	4	3	.....	.....	.....	.....	2	.....	.....	.....	10
Kitchen help	5	4	15	4	14	2	.....	.....	7	.....	.....	.....	51
Laundresses	166	234	131	203	130	148	125	150	130	125	67	46	1,655
Office help	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	3
Scrub women	115	129	121	95	168	118	100	222	.....	.....	53	.....	1,121
Stenographers	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	3
Telephone operators	.....	1	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	5
Typists	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Waitresses	6	5	.....	5	10	8	.....	20	.....	.....	3	.....	57
Totals	334	408	297	361	353	366	289	446	246	296	166	110	3,672

Digitized by Google

Flint Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Agents									2	3	2	1	8
Amateur actors									1		4		5
Apple pickers									1		7	2	10
Apprentices								1	1	1	1	1	5
Assemblers								1	2		2	2	7
Auto repair men					150	3							153
Bakers								2	3	2		1	8
Barbers								5	3		1	2	11
Bell hops and buss boys								3	3	4	3	4	17
Bookkeepers								1	2		4	1	8
Brick layers	3			5	21	5	10	2	1	2	4	2	55
Brick makers								1	3	1	14	2	21
Butchers								1	5	2		1	9
Carpenters	23	6	17	12	12	8	6	12	33	13	14	12	168
Cement workers						50		46	6	9	35	29	175
City laborers			25	65	167	116		14	10	28	58	82	565
Clerks								1	1			2	4
Coal handlers								1	7	11	11	18	48
Coal miners								1	2		2	1	6
Cooks								2	1	2	2	1	8
Core makers									1	4		1	6
Curb setters										3	2	2	7
Demonstrators									1		3	1	5
Dishwashers								2	4	4	1	2	13
Drivers or chauffeurs								2	3	2	9	2	18
Electricians					5			4	1	1	2	1	14
Elevator operators								3	1	2	1	1	8
Engineers	1	1							1		1	1	5
Factory workers		40	14					15					69
Farm hands	17	12	44	100	167	172	119	170	174	78	58	17	1,128
Firemen						1			2			6	9
Flagmen								1	1			1	3
Foundrymen											3	2	5
Furnacemen, builders and caretakers									1		6	2	9
Garagemen		2		4					3		2	2	13
Gardeners								28	20	3	3	1	55
Grinders												1	1
Hammermen, factory										17	1	3	21
Handy men								17	43	21	51	23	155
Harness makers								1	1	1		1	4
Ice men		180						6	12	3		4	205
Inspectors								2	2	1	6	1	12
Ironworkers								2	4	2	11	4	23
Janitors								2	4	4	13	4	27
Laborers	614	165	194	346	324	234	433	281	307	277	431	123	3,729
Lathers								4	5	3	8	2	22
Locksmiths								1	1	2			4
Lumber handlers								3	3	5	18	1	30
Machinists and machine operators			6			10	6	4	4	7	6	47	90
Masons and masons' helpers		6		10				3	14	16	30	6	85
Messengers								2	2	2		1	7
Metal finishers								1	2	1		1	5
Milkers								3	1	2	2	1	9
Millwrights								2	1	4	2	2	11
Molders								1	1	2	2	1	7
Oilers								1	1		3	2	7
Operators, telephone and telegraph									2			1	3
Painters and decorators	2			9		7		6	5	7		2	38
Pattern makers								1	1	1		1	4
Plasterers	4				5			2	7	5		2	25

Digitized by Google

Flint Office.—Men.—Concluded.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Plumbers and steam fitters	.....	.....	.....	.....	.....	.....	.....	6	3	5	.....	2	16
Polishers and buffers	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1	3
Porters	.....	.....	.....	.....	.....	.....	.....	4	3	1	.....	1	9
Printers	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	2
Repair men, machine	.....	.....	.....	.....	.....	.....	.....	.....	1	4	.....	1	6
Roofers	.....	.....	.....	.....	.....	.....	.....	3	6	2	.....	.....	11
Salesmen	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1	3
Shoemakers	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	3
Teamsters	9	5	12	4	10	10	8	19	5	16	19	2	119
Tinsmiths	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	1	5
Trimmers, auto and carriage bodies	.....	.....	.....	.....	.....	.....	.....	3	2	.....	.....	1	6
Truckers	.....	.....	.....	.....	.....	12	4	.....	.....	.....	.....	.....	16
Ushers	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	3
Waiters	.....	.....	.....	.....	.....	.....	.....	2	2	.....	1	.....	5
Washers: laundry, factory	.....	.....	.....	.....	.....	.....	.....	4	1	.....	.....	.....	5
Watchmen	.....	.....	.....	.....	.....	.....	.....	6	3	4	1	.....	14
Well diggers	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	4
Wheelwright, auto and wagon	.....	.....	.....	.....	.....	.....	.....	3	6	.....	.....	6	15
Wiremen, linemen and cablemen	.....	.....	.....	.....	.....	100	30	12	7	1	.....	.....	150
Totals	673	417	312	555	861	728	616	735	772	592	860	456	7,577

Flint Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Bookkeepers	.....	.....	.....	.....	.....	.....	.....	4	.....	2	2	2	10
Chambermaids	8	6	8	20	10	6	6	3	15	14	17	14	127
Clerks	5	.....	6	.....	5	.....	5	3	8	4	5	3	44
Cooks	.....	.....	.....	.....	.....	4	.....	8	8	4	3	3	30
Day workers	.....	.....	.....	.....	.....	.....	.....	11	11	15	11	10	58
Demonstrators	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	8
Dishwashers	.....	8	.....	.....	.....	.....	.....	8	.....	5	.....	3	24
Domestics	41	45	20	40	37	18	14	31	21	34	45	42	388
Factory workers	.....	.....	.....	.....	10	15	.....	3	.....	2	3	1	34
Farm hands	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	7
Hotel workers	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	2
House keepers	.....	.....	4	.....	.....	.....	.....	.....	6	2	2	2	16
Janitresses	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	1	4
Kitchen help	6	.....	.....	.....	.....	.....	.....	.....	.....	3	6	.....	15
Laborers	.....	.....	.....	.....	.....	.....	.....	.....	21	.....	.....	.....	21
Laundresses	.....	.....	.....	.....	.....	3	.....	7	.....	.....	.....	.....	10
Nurses	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	3
Office help	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	3
Saleswomen	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
Seamstresses	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	2
Solicitors	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
Stenographers	.....	.....	.....	.....	.....	.....	.....	1	3	2	1	.....	7
Telephone operators	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	1	4
Waitresses	3	10	14	26	18	28	21	20	11	12	8	2	173
Washwomen	12	5	16	9	7	10	11	.....	.....	.....	.....	.....	70
Totals	75	74	68	95	87	84	59	99	111	110	116	86	1,064

Digitized by Google

Grand Rapids Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Agents										1			1
Apprentices	1	3	2	3		1							10
Auto helpers									2	3		2	7
Barn men										1			1
Bell boys									8	4	1		13
Blacksmiths		1				1				1			3
Bookkeepers											2		2
Boys										26	21	22	69
Brick layers	1							2	2				5
Cabinet makers	2	4	1	8	9	8	6	2		6	6	2	54
Carpenters	5	2	2	7	6	9	5	2	7			5	50
Chauffeurs			1			3							4
Clerks				1			2		1				4
Cooks		1		1	1			2	5	6	1	1	18
Coopers		2		1						10			13
Dishwashers		2	1	3	5	7	9	5	7	4	2		45
Electricians		2	1										3
Elevator operators									2	2	1		5
Engineers			1	1				1					3
Factory workers	14	12	7	3	12	15	5	21	70	32	60	32	283
Farm hands	16	18	37	50	48	39	35	62	31	34	113	54	537
Finishers	8	16	6	12	11	14	17	3					87
Firemen	10	8	8	5	1	2	1	9	13	10	8	15	90
Foremen			2							1	1		4
Gardeners				1									1
Gluers				2	1	3	2						8
Hand carvers			1										1
Janitors	3	2	3	3	10	4	2	1	1	1	1	1	32
Laborers	397	408	310	425	672	689	563	537	628	453	504	371	5,957
Laundrymen											2	21	23
Machinists and machine operators	7	13	28	25	13	21	16	5	20				148
Meat cutters								1					1
Molders				4	4	4	2						14
Nurses	1			1						3	2	2	9
Oilers				1						1	2	1	5
Packers	8	15	6	2	6	16	3	10	9	7		1	83
Painters	1	2	1	3	5	5	5	4	4	6			36
Pattern makers				1									1
Porters	4	5	6	11	5	8	10	13			8	7	77
Roofers											2		2
Sheetmetal workers	1				3								4
Solicitors					2								2
Steam fitters			3	2	2								7
Stone masons					1					3			4
Teamsters	17	26	11	10	11	17	14	14	12	19	24	3	178
Tinsmiths											3		3
Waiters	3	2		1			4		6	3	3		22
Watchmen									3	1	1		5
Welders			1										1
Wiremen, linemen and cablemen		1											1
Wood cutters											6	5	11
Totals	499	545	439	587	828	866	701	694	831	638	774	545	7,947

Digitized by Google

Grand Rapids Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Chambermaids	.....	2	3	3	2	2	3	3	1	3	.....	3	25
Cooks	.....	.....	.....	2	.....	1	2	3	4	3	1	1	17
Day workers	46	78	45	62	90	94	54	87	52	52	67	41	768
Dishwashers	5	13	9	12	12	15	13	16	18	9	8	4	134
Domestics	9	9	3	5	4	4	2	6	8	19	14	17	100
Factory workers	6	8	12	11	5	6	3	3	17	14	20	10	115
Grocery clerks	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	3
House keepers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	5
Laundresses	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	2	5
Nurses	.....	.....	1	.....	.....	.....	.....	.....	1	1	1	1	5
Office work	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
Stenographers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Waitresses	.....	1	2	.....	2	2	2	7	8	5	4	2	35
Totals	66	112	75	97	115	124	79	125	110	108	122	81	1,214

Digitized by Google

Jackson Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Apple pickers										9			9
Assistant sawyers						1							1
Attendants			1		1	2						2	6
Auto repair men			3	1		6				2	2		14
Baggage men					3	10	14		1	1			29
Bakers	1		2	2		1	1		1			1	9
Bill peddlers		3											3
Blacksmiths		2			1								3
Blasters							2						2
Bottlers									1				1
Boys		2	2	2	2		2	5					15
Buss boys					2								2
Car checkers					1								1
Caretakers				2	2	4							8
Carpenters					2	2			1	1	7	10	23
Car washers					5								5
Cement workers	2	2		3	2		2	16	12	2	4		45
Cistern cleaners			3	3									6
Chauffeurs					2		1	1					4
Clerks		3				3		1	1	1	4		13
Coal heavers	47	57	58	74	73	43	54	96					502
Cooks		1			2	3	2	2				1	11
Counter men	6				4								10
Delivery men	4	2		1	3								10
Dishwashers	4	5	9		9	15	13	2	8	3	10	1	79
Distributors	4						2						6
Ditch diggers								8	13	7	13		41
Door tenders		1											1
Drill press men												3	3
Electricians									1				1
Elevator operators					1					1			2
Engineers						1							1
Errand boys			2										2
Express men		2											2
Factory hands	8		4	23	10	10	8		15	21	44		143
Farm hands	18	19	22	35	53	69	59	130	51	24	69	71	620
Firemen			1	3	1	9	3	2		2	1	3	25
Freight handlers		2											2
Furnacemen, builders and caretakers											2		2
Garagemen								2					2
Gardeners									1	1	4	3	9
Glasers												2	2
Grinders		11										1	12
Hall men					2								2
Handy men	74	73	68	110	220	315	226						1,086
House cleaners									34	25			59
Ice men		20	17										37
Janitors	2	2	1	5	5	5		5		1	5	5	36
Kitchen helpers	2		1	13	4	2							22
Laborers	143	113	118	196	237	240	180	193	248	145	227	299	2,339
Lawn mowers								25	9	9			43
Lathe men							2	5				1	8
Machinists and machine operators	4	2	1		9	2	7		14		27		66
Masons and masons' helpers				3		6		8					17
Office boys	1	1	3		4					2		1	12
Painters and paper hangers					2	5	6		2	1		7	23
Pipe fitters									4				4
Plumbers' helpers												3	3
Porters				3		3			1		2	2	11
Roofers		6		3	3					2			14

Digitized by Google

Jackson Office.—Men.—Concluded.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Salesmen					1								1
Section hands							4	2	1				7
Shinglers									2				2
Sluicing												4	4
Solicitors	4			2									6
Special officers						1							1
Stenographers				1	1		1						3
Structural workers	2	6			4						14		26
Switchmen												1	1
Teamsters	15	11	12	13	15	20	6	4	10	8	19	8	141
Tinsmiths												1	1
Tree trimmers				3				1					4
Truckers		10	9	6	15	9	16				21		86
Waiters	5			1					1	1	10		18
Warehouse men									1				1
Watchmen					1	2					7		10
Wiremen, linemen and cablemen								3	1	3		2	9
Whitewashers					2								2
Wood cutters	2	10	6									6	24
Yardmen		2	9	7	4	2	4	1	1		8	3	41
Totals	348	368	352	515	708	791	615	512	435	272	500	441	5,857

Jackson Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Assistant matron						1							1
Attendants						1							1
Buss girls				1	1								2
Canvassers			2	3	2				1				8
Chambermaids		3	3	3		5	10	4			9		37
Clerks	4		2	2	1	2					2		13
Companions				4		2	13						19
Cooks	2			2		3	7	5	3				22
Day work	26	33	41	61	51	71	44	34			41	3	405
Dishwashers	5	9	4	6	2	6	7	1	8	5	8	8	69
Domestics	11	20	16	27	13	10	42				17		156
Factory workers	2		2	2	4	1	4	5	5				25
Governesses						4	3						7
House cleaners								20	24	38		21	103
Houre keepers	6	5	4	3	8	13	10		14	4		25	92
Ironers												3	3
Janitresses								1					1
Kitchen help	10	3	6	2	4	9	9	2			4	3	52
Laundresses	59	63	58	69	96	81	68	59	54	80	44		731
Maids	2	10	7	7	7	3	11						47
Nurses	3	2	2	4	5	3	2					4	25
Nurse maids		1		1		3		1	1				7
Office help		1			2	2	1	1			4		11
Pantry girls							2					3	5
Printing office help								1					1
Seamstresses	2				1	2	1						6
Second girls		3	4	22	4	1	13						47
Stenographers						3	2		1	1			7
Telephone operators	2							4				3	9
Waitresses	4	5	2	16	8	2	11	4	11	9	14	2	88
Washwomen												27	27
Totals	138	158	153	234	209	228	260	142	121	137	143	104	2,027

Digitized by Google

Kalamazoo Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Apprentices	1												1
Bell boys	4				2	1							7
Canvassers		3		2									5
Carpenters				2				2	6	11	4	3	28
Cleaners		8	1	20	40	31	12			46	25		183
Clerks				2									2
Cooks			1						3	8	6	7	25
Engineers						2							2
Errand boys	1												1
Factory hands								8	32	27	42	21	130
Farm hands	17	40	42	67	45	45	50	108	198	177	183	137	1,109
Firemen			2		1								3
Grape pickers											109		109
Hotel help			4					5					9
Janitors	2	5	5	16	4	3	7		2	3	3	4	54
Laborers	150	219	160	235	240	260	235	126	411	189	170	135	2,530
Machinists and machine helpers									4	5	4	2	15
Molders									3	6			9
Porters	6	6	3	4	8	15	8				6	4	60
Shipping clerks					2								2
Teamsters	12	2	12	12	4	4	3	4	5	6	7	5	76
Waiters					2	1	1						4
Watchmen											2	3	5
Totals	193	283	230	360	348	362	316	253	664	478	561	321	4,369

Kalamazoo Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Chambermaids	6	10	8	16	5	15	5		10	7	5	8	95
Cleaners	6	1	2	1	3	4	12						29
Companions		1											1
Cooks	2	2	3	6	4	2	4		6	4	3	4	40
Day work								16	20	29	32	23	120
Dishwashers			6				5						11
Domestics	20	35	18	22	20	18	20	17	8	8	8	10	204
Factory workers										12	9	6	27
Grape pickers											27		27
Hotel work	3	6		18	11	11		5					54
Housekeepers				3	2		1		4	10	6	5	31
Laundresses	6							9	4	8	13	8	48
Nurses									2				2
Stenographers								1					1
Waitresses	7	6		2	1		5						21
Totals	50	61	37	68	46	50	52	48	54	78	103	64	711

Digitized by Google

Lansing Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Assemblers									4				4
Bench hands				1	5	8	15						29
Blacksmiths	1												1
Bookkeepers								6					6
Boys								1					1
Canvassers								4					4
Carpenters				1		6		3	10	44	63	41	168
Cement workers									43	33			76
Chauffeurs					3				15				18
Clerical work	2										39	27	68
Clerks								2	1				3
Cooks										53	8	9	70
Core makers		1											1
Crankshaft grinders	1												1
Dishwashers	1												1
Distributors		2	1										3
Electricians										8			8
Enamelers											9	8	17
Engineers									2				2
Factory hands	4									97	74	62	237
Farm hands		4	2	3	15	10	16	153	74	39	42	47	405
Grinders				1									1
Inspectors		5											5
Laborers	37	71	47	44	124	120	80	137	121	228	103	146	1,258
Landis grinders		2											2
Lathe hands		1		1									2
Lathers								2					2
Machinists and machine operators	1				2		10	6	60		113	86	278
Masons and mason tenders					1						21	13	35
Messengers				1									1
Metal polishers		5											5
Millwrights				1						4			5
Miscellaneous									11				11
Moulders		1											1
Office help			1						23				24
Painters		1							9	9	27	19	65
Punch press operators	7												7
Repair men								1	3				4
Road testers	3	1											4
Shipping clerks	1												1
Steam fitters	3												3
Teamsters	1		1		4			4	8	12	22		52
Time keepers								1					1
Tool makers and grinders		2											2
Trimmers												13	13
Truckers				4		12							16
Waiters										47	14	11	72
Watchmen	2			2	2		5	1					12
Wiremen, linemen and cablemen		1											1
Yardmen	1												1
Totals	65	97	52	59	156	156	126	321	384	574	535	482	3,007

Digitized by Google

Lansing Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Bookkeepers								1					1
Canvassers								4					4
Chambermaids									4		13	9	26
Clerical work											21	35	56
Cooks	1	1						1	3		34	26	66
Day work								5					5
Dishwashers									3				3
Factory work						8				12	27	19	66
House maids										12			12
House work			2		1		10	9	14		11	10	57
Kitchen help					14					11			25
Office assistant			1						13	5			19
Saleslades		1											1
Stenographers			1										1
Waitresses									5	13	29	22	69
Totals	1	2	4		15	8	10	20	42	53	135	121	411

Muskegon Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Agents				1			4						5
Carpenters and cabinet makers	2	1	2	2	6	7	1						21
Chauffeurs								2	3				5
Clerks								2		4	1		7
Cooks								1			1		2
Deck hands											1		1
Electricians												1	1
Engineers	1	3		2	1						1		8
Factory hands								30	43	59	74	78	284
Farm hands	2	1	1	2	6	8	10	38	29	7	19	6	129
Firemen			2						2		1		5
Hotel help	1	4	2	2	1	2	6	6	7	2	1		34
Laborers	81	109	66	83	52	76	84	19	64	45	44	88	811
Machinists and machine operators	1	6	5	15	18	21	12						78
Moulders			1	3		4							8
Office workers		4	2	2	3	3							14
Painters		4				2	2						8
Saw mill hands								10					10
Stenographers									2				2
Tanners		5											5
Teamsters		1	1	3	2								7
Time keepers											1		1
Tool and die makers			1			2							3
Waiters										1	4	2	7
Watchmen			3		2								5
Totals	88	138	86	115	91	125	119	108	150	118	148	175	1,461

Digitized by Google

Muskegon Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Cooks										1			1
Day workers	14	8	6	4	9	6	8						55
Domestics	3	5	1	2	1	4	3						19
Factory hands		2				1		10	3	15	19	22	72
Hotel help	1	6	7	6	2	3	1		5		3	3	37
House work								7	11	16	19	11	64
Waitresses									1		4	3	8
Totals	18	21	14	12	12	14	12	17	20	32	45	39	256

Saginaw Office.—Men.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Auto drivers										7	2	2	11
Barn men	6	4	3								4		17
Bell boys											2	3	5
Blacksmiths										2			2
Boiler makers									6				6
Carpenters	1	1	2	4	3	4	4	3	2	3	2	2	31
Clerks	2	2	1	1		1	1	2					10
Coal heavers	49	46	38	44	69	54	29	24	27	31	29	29	469
Cooks	2	1	1	2	1	1	1						9
Delivery boys												2	2
Engineers		1			1								2
Express handlers	6	2		3		3		5	5	7	11	4	46
Factory hands	19	16	14	11	14	16	11	21	9	21	31	28	211
Farm hands	96	79	69	173	198	192	186	142	132	98	91	89	1,545
Firemen	4	3	4	3	2	1	2		2	6	4	6	37
Freight handlers	29			9	7	19	21	18	11				114
Hotel help	12	13	12	13	11	8	5	4	8	3	3	2	94
Janitors					3	2	1				2	1	9
Laborers	144	139	121	69	132	146	149	135	136	141	147	139	1,598
Laundry workers									3			13	16
Lumber handlers	73	83	74	14	61	67	61	49	41	37	28	24	612
Machinists and machine operators							2	4	4	3			13
Moulders and moulders' helpers			4					3			7		14
Office help						1							1
Painters and paper hangers					5	7	3					4	19
Shipping clerks								2	4				6
Steam fitters							2						2
Teamsters	4	6	4	7	4	3	2	5	4	7	5	5	56
Waiters	11	9	8	11	8	8	7	9	9	3	3	4	90
Watchmen	23				3	1							27
Woodsmen		14	16	2						2	14	11	59
Totals	481	419	371	366	522	534	487	426	403	371	385	368	5,133

Digitized by Google

Saginaw Office.—Women.

Character of positions.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Chambermaids	13	11	9	11	14	12	6	7	12	8	6	5	114
Clerks	3	2	1	2	1	1	2	2	1	3	1	.....	19
Cooks	4	6	3	2	2	1	3	1	4	.....	1	1	28
Day work	11	14	16	21	26	23	26	24	17	24	26	24	252
Dishwashers	8	9	6	9	7	8	7	4	11	5	7	6	87
Dressmakers	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
Factory hands	13	18	15	17	18	16	15	6	6	16	13	16	169
House keepers	5	4	2	1	1	1	1	1	1	4	1	4	26
House work	6	12	14	19	12	11	7	4	10	9	11	14	129
Laundresses	4	3	2	2	1	1	1	1	2	.....	2	2	21
Nurses	.....	1	.....	.....	2	1	.....	.....	.....	.....	2	2	8
Office work	.....	.....	.....	.....	.....	.....	.....	.....	2	4	2	3	11
Salesladies	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Waitresses	4	14	11	14	12	9	9	12	10	6	6	7	114
Totals	71	94	79	99	97	84	77	62	76	79	78	84	980

Digitized by Google

SUMMARY OF MICHIGAN FREE EMPLOYMENT BUREAUS FOR THE YEAR.

	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Battle Creek:													
Men	77	79	54	60	95	146	69	262	371	377	407	359	2,356
Women	17	14	9	14	19	10	5	13	31	27	43	105	307
Totals	94	93	63	74	114	156	74	275	402	404	450	464	2,663
Bay City:													
Men	106	49	64	57	61	77	67	88	87	90	105	145	996
Women	17	12	12	12	9	10	8	10	10	20	22	22	164
Totals	123	61	76	69	70	87	75	98	97	110	127	167	1,160
Detroit:													
Men	2,841	3,622	2,710	3,595	7,398	5,818	6,354	6,434	5,618	5,779	4,519	4,266	58,954
Women	334	408	297	361	353	366	289	446	246	296	166	110	3,672
Totals	3,175	4,030	3,007	3,956	7,751	6,184	6,643	6,880	5,864	6,075	4,685	4,376	62,626
Flint:													
Men	673	417	312	555	861	728	616	735	772	592	860	456	7,577
Women	75	74	68	95	87	84	59	99	111	110	116	86	1,064
Totals	748	491	380	650	948	812	675	834	883	702	976	542	8,641
Grand Rapids:													
Men	499	545	439	587	828	866	701	694	831	638	774	545	7,947
Women	66	112	75	97	115	124	79	125	110	108	122	81	1,214
Totals	565	657	514	684	943	990	780	819	941	746	896	626	9,161
Jackson:													
Men	348	368	352	515	708	791	615	512	435	272	500	441	5,857
Women	138	158	153	234	209	228	260	142	121	137	143	104	2,027
Totals	486	526	505	749	917	1,019	875	654	556	409	643	545	7,884
Kalamazoo:													
Men	193	283	230	360	348	362	316	253	664	478	561	321	4,369
Women	50	61	37	68	46	50	52	48	54	78	103	64	711
Totals	243	344	267	428	394	412	368	301	718	556	664	385	5,080

Digitized by Google

Summary of Michigan Free Employment Bureau for the year.—Concluded.

	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
Lansing:													
Men	65	97	52	59	156	156	126	321	384	574	535	482	3,007
Women	1	2	4	.....	15	8	10	20	42	53	135	121	411
Totals	66	99	56	59	171	164	136	341	426	627	670	603	3,418
Muskegon:													
Men	88	138	86	115	91	125	119	108	150	118	148	175	1,461
Women	18	21	14	12	12	14	12	17	20	32	45	39	256
Totals	106	159	100	127	103	139	131	125	170	150	193	214	1,717
Saginaw:													
Men	481	419	371	366	522	534	487	426	403	371	385	368	5,133
Women	71	94	79	99	97	84	77	62	76	79	78	84	980
Totals	552	513	450	465	619	618	564	488	479	450	463	452	6,113
Totals—Combined:													
Battle Creek	94	93	63	74	114	156	74	275	402	404	450	464	2,663
Bay City	123	61	76	69	70	87	75	98	97	110	127	167	1,160
Detroit	3,175	4,030	3,007	3,956	7,751	6,184	6,643	6,880	5,864	6,075	4,685	4,376	62,626
Flint	748	491	380	650	948	812	675	834	883	702	976	542	8,641
Grand Rapids	565	657	514	684	943	990	780	819	941	746	896	626	9,161
Jackson	486	526	505	749	917	1,019	875	654	556	409	643	545	7,884
Kalamazoo	243	344	267	428	394	412	368	301	718	556	664	385	5,080
Lansing	66	99	56	59	171	164	136	341	426	627	670	603	3,418
Muskegon	106	159	100	127	103	139	131	125	170	150	193	214	1,717
Saginaw	552	513	450	465	619	618	564	488	479	450	463	452	6,113
Totals	6,158	6,973	5,418	7,261	12,030	10,581	10,321	10,815	10,536	10,229	9,767	8,374	108,463

Digitized by Google

Number and character of positions secured by each office for the year beginning December 1 1916 and ending November 30, 1917.—Males.

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
Acetylene welders			10								10
Acme operators			5								5
Agents				8	1				5		14
Amateur actors				5							5
Apple pickers				10		9					19
Apprentices	4	2		5	10		1				22
Assemblers			77	7				4			88
Assistant sawyers						1					1
Attendants						6					6
Auto drivers	3		37							11	51
Auto repair men	4		4	153	7	14					182
Baggage men						29					29
Bakers			32	8		9					49
Barbers			33	11							44
Barn men					1					17	18
Bell hops and buss boys		5	21	17	13	2	7			5	70
Belt men			4								4
Bench hands			124					29			153
Bill distributors			22			9		3			34
Blacksmiths	1		57		3	3		1		2	67
Blasters			2			2					4
Boatmen		5									5
Boiler makers			5							6	11
Boiler operators			47								47
Bookkeepers	5	1		8	2			6			22
Bottlers						1					1
Boys	25		507		69	15		1			617
Brass moulders			6								6
Brick layers			25	55	5						85
Brick makers				21							21
Buffers			9								9
Butchers			2	9							11
Cabinet makers			8		54						62
Canvassers	2						5	4			11
Car checkers	6					1					7
Carpenters	73	3	561	168	50	23	28	168	21	31	1,126
Car washers						5					5
Cement workers				175		45		76			296
Cistern cleaners						6					6
Chauffeurs		4			4	4		18	5		35
Chefs	7	4									11
Cherry pickers	2										2
City laborers				565							565
Cleaners	61						183				244
Clerical work								68			68
Clerks	1	40	67	4	4	3	2	3	7	10	141
Coal heavers	169			48		502				469	1,188
Coal miners			204	6							210
Construction work		14									14
Cooks	45	13	138	8	18	11	25	70	2	9	330
Coopers					13						13
Core makers				6		10		1			17
Counter men						10					10
Crankshaft grinders								1			1
Cub setters				7							7
Day workers		30									30
Deck hands									1		1
Delivery men						10				2	12
Demonstrators		4		5							9
Ditchers	1					41					42

Digitized by Google

Number and character of positions secured by each office for the year beginning December 1, 1916 and ending November 30, 1917.—Males.—Continued.

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
Die makers			7								7
Dishwashers	32		1,454	13	45	79		1			1,624
Door tenders						1					1
Draftsmen			14								14
Drill press men			313			3					316
Drivers	7		4	18							29
Druggists			1								1
Dry goods packers			142								142
Electricians	14	2	22	14	3	1		8	1		65
Elevator men			23	8	5	2					38
Enamelers								17			17
Engineers		6	37	5	3	1	2	2	8	2	66
Errand boys						2	1				3
Express drivers	2		251			2				46	301
Factory helpers	283	244		69	283	143	130	237	284	211	1,884
Farm hands	261	169	2,302	1,128	537	620	1,109	405	129	1,545	8,205
Finishers					87						87
Firemen	1	7	242	9	90	25	3		5	37	419
Fishermen			5								5
Flagmen				3							3
Foremen					4						4
Freight handlers						2				114	116
Foundry helpers	20	5		5							30
Furnacemen, builders and caretakers				9		10					19
Furniture packers			29								29
Garagemen				13		2					15
Gardeners	7		68	55	1	9					140
Gear cutters			4								4
Glasers						2					2
Gluers					8						8
Grape packers							109				109
Grinders			123	1		12		1			137
Grocery clerks	4										4
Hand carvers					1						1
Hall men						2					2
Hammermen, factory				21							21
Handy men	105		2,287	155		1,066					3,633
Harness makers			1	4							5
Helpers	23										23
Hotel helpers							9		34	94	137
House men	33					59					92
Ice men				205		37					242
Inspectors			25	12				5			42
Iron workers			39	23							62
Janitors	14		108	27	32	36	54			9	280
Kitchen helpers	20					22					42
Laborers	752	293	45,156	3,729	5,957	2,339	2,530	1,258	811	1,598	64,423
Landis grinders			43					2			45
Lathe hands			156			8		2			166
Lathers				22				2			24
Laundry men	119		13	5	23	9				16	185
Linemen				150	1			1			152
Locksmiths			9	4							13
Lawn mowers	6					43					49
Lumber handlers	11			30						612	653
Machinists and machine operators	54	38	541	90	148	66	15	278	78	13	1,321
Masons and masons' helpers				85		17		35		14	151
Meat cutters		2			1						3
Messengers		6	77	7				1			91
Metal polishers			12	5				5			22

Digitized by Google

Number and character of positions secured by each office for the year beginning December 1, 1916 and ending November 30, 1917.—Males.—Continued.

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
Milkers				9							9
Millwrights			54	11				5			70
Miscellaneous								11			11
Moulders			12	7	14		9	1	8		51
Nurses					9						9
Office workers		6	1			12		24	14	1	58
Oilers			12	7	5						24
Operators, telephone and telegraph				3							3
Packers					83						83
Painters and paper hangers	20		201	38	36	23		65	8	19	410
Pattern makers			2	4	1						7
Pin setters			35								35
Pipe fitters	3					4					7
Planers			10								10
Plasterers			11	25							36
Plumbers			78	16		3					97
Polishers			5	3							8
Porters		20	258	9	77	11	60				435
Power machine hands			4								4
Press feeders	5		26								31
Printers				2							2
Punch press men	1		115					7			123
Railroad men		18									18
Repair men	11		23	6				4			44
Rip sawyers			1								1
Riveters			1								1
Road testers								4			4
Roofers	1		79	11	2	14					107
Salesmen				3		1					4
Sailors			115								115
Sanders			4								4
Saw mill hands									10		10
Section hands						7					7
Sheet metal workers			103		4						107
Ship carpenters		7	27								34
Shinglers						2					2
Shipping clerks							2	1		6	9
Shoe makers				3							3
Slucing						4					4
Solders			10								10
Solicitors		1			2	6					9
Special officers						1					1
Spot welders			1		1						2
Stable men	50										50
Steam fitters			193		7			3		2	205
Stenographers			9			3			2		14
Sticker hands			7								7
Stock men	2		10								12
Stone masons					4						4
Structural workers						26					26
Switch men	4		17			1					22
Tanners									5		5
Teamsters	10	3	1,567	119	178	141	76	52	7	56	2,209
Thresher men	6										6
Time keepers			20					1	1		22
Tinsmiths			17	5	3	1					26
Trimmers, auto and carriage bodies				6				13			19
Toolmakers	4		171					2	3		180
Track foremen			4								4
Tree trimmers						4					4

Digitized by Google

Number and character of positions secured by each office for the year beginning December 1, 1916 and ending November 30, 1917.—Males.—Concluded.

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
Truck drivers	1			16		86		16			119
Typists			2								2
Upholsterers			7								7
Ushers				3							3
Varnish rubbers			6								6
Waiters	30	2	67	5	22	18	4	72	7	90	317
Warehouse men	1					1					2
Watchmen		1	118	14	5	10	5	12	5	27	197
Well diggers				4							4
Wheelwright, auto and wagon				15							15
Whitewashers						2					2
Window washers	28										28
Wood cutters	1				11	24					36
Woodsmen		41								59	100
Wood turners			36								36
Yardmen	1					41		1			43
Totals	2,356	996	58,954	7,577	7,947	5,857	4,369	3,007	1,461	5,133	97,657

Number and character of positions secured by each office for the year beginning December 1, 1916 and ending November 30, 1917.—Females.

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
Assistant matrons						1					1
Attendants						1					1
Bindery workers		2									2
Bookkeepers		1		10				1			12
Buss girls						2					2
Canvassers						8		4			12
Chambermaids	20	10	66	127	25	37	95	26		114	520
Cleaners	11		206			103	29				349
Clerical work								56			56
Clerks	1	7	11	44		13				19	95
Companions						19	1	66			86
Cooks	16	18	34	30	17	22	40		1	28	206
Day workers	11	49		58	768	405	120	5	55	252	1,723
Demonstrators				8							8
Dishwashers	11	4	125	24	134	69	11	3		87	468
Distributors			19								19
Domestics	2	22	140	388	100	156	204		19		1,031
Dressmakers										1	1
Factory workers	74	15	122	34	115	25	27	66		169	647
Farm hands				7					72		79
Governesses						7					7
Grape pickers							27				27
Grocery clerks					3						3
Hotel workers				2			54		37		93
House keepers	14	2	43	16	5	92	31	12		26	241

Digitized by Google

Number and character of positions secured by each office for the year beginning December 1, 1916 and ending November 30, 1917.—Females.—Concluded.

Character of positions.	Battle Creek.	Bay City.	Detroit.	Flint.	Grand Rapids.	Jackson.	Kalamazoo.	Lansing.	Muskegon.	Saginaw.	Total.
House workers	95	12	.....	.....	.....	.....	.....	57	64	129	357
Ironers	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	3
Janitresses	.....	.....	10	4	.....	1	.....	.....	.....	.....	15
Kitchen helpers	.....	.....	51	15	.....	52	.....	25	.....	.....	143
Laborers	.....	.....	.....	21	.....	.....	.....	.....	.....	.....	21
Laundresses	23	.....	1,655	10	5	731	48	.....	.....	21	2,493
Machine operators	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Maids	.....	.....	.....	.....	.....	47	.....	.....	.....	8	55
Nurses	4	1	.....	3	5	32	2	.....	.....	11	58
Office work	.....	2	3	3	1	11	.....	19	.....	.....	39
Pantry girls	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	5
Printing office helpers	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Saleslادies	4	.....	.....	2	.....	.....	.....	1	.....	1	8
Scrub women	4	.....	1,121	.....	.....	.....	.....	.....	.....	.....	1,125
Seamstresses	.....	.....	.....	2	.....	6	.....	.....	.....	.....	8
Second girls	.....	.....	.....	.....	.....	47	.....	.....	.....	.....	47
Solicitors	.....	1	.....	2	.....	.....	.....	.....	.....	.....	3
Stenographers	4	4	3	7	1	7	1	1	.....	.....	28
Telephone operators	.....	1	5	4	.....	9	.....	.....	.....	.....	19
Typists	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
Waitresses	11	13	57	173	35	88	21	69	8	114	589
Washwomen	.....	.....	.....	70	.....	27	.....	.....	.....	.....	97
Totals	307	164	3,672	1,064	1,214	2,027	711	411	256	980	10,806
Males	2,356	996	58,954	7,577	7,947	5,857	4,369	3,007	1,461	5,133	97,657
Females	307	164	3,672	1,064	1,214	2,027	711	411	256	980	10,806
Totals	2,663	1,160	62,626	8,641	9,161	7,884	5,080	3,418	1,717	6,113	108,463

Operations of Michigan Free Employment Bureaus from December 1, 1916 to November 30, 1917.

City where office is located.	Applications from employers.	Persons asked for by employers.	Persons applying for work.		Persons referred to positions.	Positions filled.
			New registrations.	Renewals.		
Battle Creek	1,531	3,056	2,600	80	2,680	2,663
Bay City	611	1,860	500	718	1,218	1,160
Detroit	10,810	63,579	20,539	42,671	63,210	62,626
Flint	6,646	11,379	2,116	7,265	9,381	8,641
Grand Rapids	6,232	10,053	2,000	7,498	9,498	9,161
Jackson	5,188	8,408	7,195	876	8,071	7,884
Kalamazoo	3,556	5,309	2,950	2,160	5,110	5,080
Lansing	927	4,084	125	3,875	4,000	3,418
Muskegon	758	3,161	132	1,719	1,851	1,717
Saginaw	1,546	7,740	475	5,698	6,173	6,113
Totals	37,805	119,629	38,632	72,560	111,192	108,463

Digitized by Google

INSPECTION OF FACTORIES AND WORKSHOPS

Digitized by Google

Digitized by Google

INSPECTION OF FACTORIES AND WORKSHOPS.

List of establishments visited in 1917, showing date of inspection, name of firm, location, nature of business, number of employes of each sex, whole number employed, number of children under sixteen years of age.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ALCONA COUNTY.						
Nov. 6	Harrisville Milling Co.	Gustin	Flour, feed and grain	2	.....	2	.....
Aug. 18	Alcona County Review	Harrisville	Printing	1	1	2	.....
Aug. 18	Dube, John	Harrisville	Blacksmithing	1	.....	1	.....
Aug. 18	Ferguson, A.	Harrisville	Groceries	2	.....	2	.....
Aug. 17	Harrisville Milling Co.	Harrisville	Flour	3	5	8	.....
Aug. 18	Harrisville Electric Light Co.	Harrisville	Electricity	2	.....	2	.....
Nov. 5	Hood, Louise	Harrisville	Millinery	.....	3	3	.....
Aug. 18	Johnson, F. G. & Co.	Harrisville	Peas and beans	8	21	29	.....
Aug. 18	Lund, Carl M.	Harrisville	Harness	1	.....	1	.....
Nov. 5	McDonald, C. J.	Harrisville	Livery barn	2	.....	2	.....
Nov. 5	Libby, McNeil & Libby	Harrisville	Pickles	3	.....	3	.....
Nov. 5	Shedd Creamery	Harrisville	Dairy products	3	1	4	.....
Nov. 5	Upton, L. J. & Co.	Harrisville	Produce	2	3	5	.....
Aug. 17	Alcona County Herald	Lincoln	Printing	1	.....	1	.....
Aug. 17	Ferris, T. A. & Son	Lincoln	Lumber and shingles	9	.....	9	.....
Nov. 6	Lincoln Elevator Co.	Lincoln	Beans and peas	3	.....	3	.....
Aug. 17	Medor, Peter	Lincoln	Auto repairing	1	.....	1	.....
Nov. 6	Pyle, C. B.	Lincoln	Peas and beans	2	.....	2	.....
Aug. 17	Walker, James G.	Lincoln	Meats	1	1	2	.....
Aug. 17	Mikado Elevator Co.	Mikado	Produce	2	.....	2	.....
Nov. 6	Pyle, C. B.	Mikado	Peas and beans	2	.....	2	.....
	ALGER COUNTY.						
May 7	Chatham Wagon Works	Chatham	Repairing	1	.....	1	.....
May 11	Artibee, A.	Munising	Meats and groceries	1	1	2	.....
May 11	Central Market, The	Munising	Meats	4	1	5	1
May 11	Cloke's Electric Shoe Shop	Munising	Shoe repairing	2	.....	2	.....
May 9	Cloverland Farmer, The	Munising	Printed matter	2	2	4	.....
May 11	Dresden, John	Munising	Tailoring	1	1	2	.....
May 10	Electric Light & Power Co.	Munising	Electricity	9	1	10	.....
May 11	Gollinger, Henry	Munising	Ice cream	1	1	2	.....
May 10	Gottleib, Adolph	Munising	Tailoring	1	.....	1	.....
May 10	Grainger, Walter	Munising	Blacksmithing	2	.....	2	.....
May 8	Hausler, Frank	Munising	Meats and groceries	6	.....	6	1
May 10	Herbert, Peter J.	Munising	Feed, grain and hay	2	.....	2	.....
May 11	Hinz & Guidebeck	Munising	Millinery	.....	2	2	.....
May 11	Holter, Thorlief	Munising	Plumbing	1	.....	1	.....
May 11	Juurinen, Antti	Munising	Shoe repairing	1	.....	1	.....
May 11	Kelly, Mrs. A.	Munising	Millinery	1	.....	1	.....
May 9	Lee, Young	Munising	Laundry	2	.....	2	.....
May 9	McAllister, Arthur	Munising	Cigars	1	.....	1	.....
May 9	McDougall Mercantile Co., The	Munising	Meats and groceries	9	2	11	.....
May 9	Michigan Tanning & Extract Co.	Munising	Leather	107	.....	107	2

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ALGER CO.—*Con.*						
May 9	Michigan Tanning & Extract Co	Munising	Meats and groceries	4	.....	4	.....
May 11	Mensier, D	Munising	Blacksmithing	2	.....	2	.....
May 11	Miller, Arthur	Munising	Meats and groceries	4	.....	4	.....
May 8	Munising Box Co	Munising	Box materials	66	34	100	.....
May 11	Munising Candy Kitchen	Munising	Ice cream and candy	4	.....	4	.....
May 8	Munising Co., The	Munising	Lumber	139	.....	139	4
May 8	Munising Foundry Co	Munising	Foundry	3	.....	3	.....
May 9	Munising Motor Co., The	Munising	Auto repairing	5	1	6	.....
May 8	Munising News, The	Munising	Printed matter	3	1	4	.....
May 10	Munising Paper Co	Munising	Paper and sulphite pulp	324	11	335	.....
May 11	Munising Telephone & Electric Co	Munising	Telephone	1	4	5	.....
May 10	Munising Water Works	Munising	Water	2	.....	2	.....
May 10	Munising Woodenware Co	Munising	Woodenware	134	24	158	.....
May 9	Quality Press, The	Munising	Printed matter	2	.....	2	.....
May 9	Superior Baking Co	Munising	Baked goods	2	1	3	.....
May 8	Superior Lumber & Cedar Co	Munising	Lumber & cedar products	150	.....	150	.....
May 10	Thoenen, R. H	Munising	Plumbing	1	.....	1	.....
May 8	Wetton & Clark	Munising	Plumbing	2	.....	2	.....
May 11	Williams, Thomas	Munising	Tailoring	1	.....	1	.....
May 11	Zelmer, M. C	Munising	Tailoring	1	.....	1	.....
	ALLEGAN COUNTY.						
Oct. 13	Allegan Cider & Vinegar Co	Allegan	Vinegar	6	.....	6	.....
Oct. 3	Allegan City Water Works	Allegan	Water	3	.....	3	.....
Sept. 26	Allegan County Gas Co	Allegan	Gas	3	1	4	.....
Sept. 21	Allegan Foundry Co	Allegan	Repairing and castings	4	.....	4	.....
Sept. 20	Allegan Fruit & Produce Co	Allegan	Pickles	2	.....	2	.....
Sept. 25	Allegan Furniture Co	Allegan	Furniture	32	1	33	.....
Sept. 24	Allegan Gazette	Allegan	Printing	6	1	7	.....
Sept. 21	Allegan Milling Co	Allegan	Flour and feed	14	1	15	.....
Sept. 25	Allegan News, The	Allegan	Printing	4	2	6	.....
Oct. 3	Auto Shop, The	Allegan	Auto repairing	3	.....	3	.....
Sept. 20	Baker & Co	Allegan	Furniture	50	1	51	.....
Sept. 21	Blood Bros. Machine Co	Allegan	Machinery	109	5	114	1
Sept. 12	Born, W. G	Allegan	Wagons	2	.....	2	.....
Sept. 26	Brand Market	Allegan	Meats	6	.....	6	.....
Sept. 21	Carl Cigar Co	Allegan	Cigars	2	1	3	.....
Sept. 22	Citizens Telephone Co	Allegan	Telephone service	3	9	12	.....
Sept. 26	Chevrolet Service Station	Allegan	Auto repairing	2	.....	2	.....
Sept. 20	Consumers Power Co	Allegan	Electricity	2	.....	2	.....
Sept. 25	Crescent Egg Co	Allegan	Eggs	4	5	9	.....
Sept. 25	DeWright, Richard	Allegan	Garage & service station	6	1	7	.....
Sept. 24	Durand, F. J	Allegan	Meats	3	.....	3	.....
Sept. 21	Fuller, R. C. Lumber Co	Allegan	Lumber	3	.....	3	.....
Sept. 26	Foster, A. H	Allegan	Produce and seeds	9	13	22	.....
Sept. 24	Gardiner's Bakery	Allegan	Baked goods	1	1	2	.....
Sept. 20	Gulliford, W. J	Allegan	Blacksmithing	2	.....	2	.....
Oct. 3	Gleaners Association Co	Allegan	Produce	2	.....	2	.....
Sept. 24	Globe Garage	Allegan	Auto repairing	3	.....	3	.....
Sept. 26	Griswold & Nicholas	Allegan	Lumber	3	1	4	.....
Sept. 26	Handy Electric Mills, The	Allegan	Flour and feed	5	1	6	.....
Sept. 25	Hornung, Carl	Allegan	Blacksmithing	2	.....	2	.....
Sept. 20	Imperial Carving Co., The	Allegan	Wood carving	13	.....	13	.....
Oct. 3	Kimmins, W. J	Allegan	Merchant tailoring	1	1	2	.....
Sept. 26	Kirahman, Geo. C	Allegan	Plumbing	2	.....	2	.....
Sept. 25	Littlejohn & Randall	Allegan	Millinery	.....	5	5	.....
Oct. 3	Ludlow, W. J	Allegan	Shoe repairing	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ALLEGAN CO.—*Con.*						
Sept. 24	Maents, H. O.	Allegan	Meats	4	.....	4	.....
Oct. 3	Michigan State Telephone Co.	Allegan	Telephone service	2	4	6	.....
Sept. 26	Morse Cigar Co., C. J.	Allegan	Cigars	1	1	2	.....
Sept. 21	Mutchler Coal Co.	Allegan	Coal	3	1	4	.....
Oct. 3	Mutchler, M. H.	Allegan	Feed and seeds	2	.....	2	.....
Sept. 25	Nyberg, Fred E.	Allegan	Blacksmithing	2	.....	2	.....
Sept. 26	Odell, Geo.	Allegan	Produce	3	.....	3	.....
Sept. 25	Odell & Haight	Allegan	Millinery	.....	2	2	.....
Sept. 20	Oliver & Co.	Allegan	Furniture	32	.....	32	.....
Sept. 20	Overton Creamery Co.	Allegan	Milk products	13	4	17	.....
Sept. 21	Owen-Arnold Co., Inc.	Allegan	Caskets	6	3	9	.....
Sept. 24	Perrigo Co., L.	Allegan	Drugs	7	11	18	.....
Oct. 10	Perry Sirrine Co., The	Allegan	Poultry and eggs	16	.....	16	.....
Sept. 25	Purity Ice Cream Factory	Allegan	Ice cream	1	1	2	.....
Sept. 26	Quinn, P.	Allegan	Blacksmithing	1	.....	1	.....
Oct. 3	Schuler, Chas. P.	Allegan	Coal and wood	3	.....	3	.....
Sept. 25	Sickinger, E.	Allegan	Millinery	.....	2	2	.....
Sept. 24	Smith, Weldon	Allegan	Baked goods	4	2	6	.....
Sept. 21	Splestoser, Anton	Allegan	Blacksmithing	2	.....	2	.....
Sept. 25	Straub, Sheldon P.	Allegan	Cigars	1	1	2	.....
Oct. 3	Vosburgh, Mrs. W. W.	Allegan	Millinery	.....	3	3	.....
Sept. 20	Weny & Mosier	Allegan	Phonographs	20	1	21	.....
Oct. 2	Whitcomb, H. J.	Allegan	Plumbing	2	.....	2	.....
Sept. 25	Wright Laundry Co., The	Allegan	Laundry	2	3	5	.....
Sept. 27	Bentheim Creamery Co.	Bentheim	Butter	2	.....	2	.....
Sept. 29	Henderson Milling Co.	Bradley	Grain and feed	1	.....	1	.....
Sept. 29	Ross, H. E. & Son	Bradley	General repairing	2	.....	2	.....
Sept. 19	Whiting & Co.	Bravo	Crates	7	.....	7	.....
Sept. 27	England, Chas.	Burnips Corners	Feed	2	.....	2	.....
Sept. 27	Loew, Silas	Burnips Corners	Lumber	1	.....	1	.....
Sept. 27	Salem Creamery	Burnips Corners	Butter and cheese	3	.....	3	.....
Sept. 29	Buer, W. J. & Son	Dorr	Blacksmithing	2	.....	2	.....
Sept. 27	Dorr Creamery	Dorr	Cheese and butter	2	.....	2	.....
Sept. 27	Herb, William	Dorr	General repairing	2	.....	2	.....
Feb. 27	Weaver Elevator, The	Dorr	Flour and feed	2	.....	2	.....
Sept. 17	Bekken, Herman	Douglas	Blacksmithing	1	.....	1	.....
Sept. 17	Devine, Wm.	Douglas	Barrels	6	.....	6	.....
Sept. 17	Nevins, E. R.	Douglas	Garage	2	.....	2	.....
Sept. 17	Weed, E. E. & Co.	Douglas	Fruit packages	80	24	104	.....
Sept. 18	East Saugatuck Creamery Co.	East Saugatuck	Butter	2	.....	2	.....
Sept. 18	Heins, H. J. & Co.	East Saugatuck	Pickles	3	.....	3	.....
Sept. 19	Batey, G. O.	Fennville	Peppermint oil	7	.....	7	.....
Sept. 18	Chellman, Chas.	Fennville	Meats	3	.....	3	.....
Sept. 19	Fennville Baking Co.	Fennville	Baked goods	2	.....	2	.....
Sept. 18	Fennville Fruit Exchange	Fennville	Fruits	24	11	35	.....
Sept. 19	Fennville Herald, The	Fennville	Printing	2	1	3	.....
Sept. 19	Fennville Milling Co.	Fennville	Flour and feed	6	.....	6	.....
Sept. 19	Fennville Water Works	Fennville	Water	1	.....	1	.....
Sept. 19	Grand Rapids Cooperage Co.	Fennville	Barrels	6	.....	6	.....
Sept. 10	Jackson, A. W.	Fennville	Auto repairing	3	.....	3	.....
Sept. 19	Jensen, Bendt	Fennville	Auto repairing	1	.....	1	.....
Sept. 19	Sherman, John	Fennville	Lumber	3	1	4	.....
Sept. 19	Spielman Brothers Co.	Fennville	Vinegar	5	1	6	.....
Sept. 19	Teed, Guy	Fennville	Blacksmithing	1	.....	1	.....
Sept. 19	Todd, A. M. Co.	Fennville	Peppermint oil	67	.....	67	.....
Sept. 19	Wade & Wade Barrel Co.	Fennville	Cooperage	3	.....	3	.....
Sept. 19	Western Allegan County Telephone Co.	Fennville	Telephone service	2	3	5	.....
Sept. 19	Whitbeck, A. L. & Son	Fennville	Coal, brick, etc.	2	.....	2	.....
Sept. 18	Fillmore Center Creamery Co.	Fillmore	Butter	2	.....	2	.....
Sept. 18	Daisy Creamery Co., The	Graafschap	Butter	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ALLEGAN CO.—*Con.*						
Sept. 18	Brink, John	Hamilton	Lumber	2	.....	2	.....
Sept. 18	Drenthe-Hamilton Canning Co	Hamilton	Canned goods	13	24	37	.....
Sept. 18	Kolvoord Milling Co., The	Hamilton	Flour and feed	4	.....	4	.....
Sept. 18	Lutgen & Hagelskamp	Hamilton	Lumber	4	.....	4	.....
Sept. 18	Phenix Cheese Co	Hamilton	Cheese	2	.....	2	.....
Oct. 2	Citizens Telephone Co	Hopkins	Telephone service	.....	3	3	.....
Oct. 2	Corlett-Stone Lumber Co	Hopkins	Lumber and coal	2	.....	2	.....
Oct. 2	Frymire & Keenan	Hopkins	Flour and feed	2	.....	2	.....
Oct. 2	Gannon, P. J	Hopkins	Eggs	1	1	2	.....
Oct. 2	Hopkins Creamery Co	Hopkins	Butter and cheese	3	1	4	.....
Oct. 2	Hopkins Elevator Co	Hopkins	Grain and feed	3	1	4	.....
Oct. 2	Lewis, Bert	Hopkins	Cement blocks	2	.....	2	.....
Oct. 2	McIntyre, Mrs. J. E	Hopkins	Millinery	.....	1	1	.....
Oct. 2	Michigan State Telephone Co	Hopkins	Telephone service	.....	3	3	.....
Oct. 2	Musser & Green	Hopkins	Repairing	2	.....	2	.....
Oct. 2	Punches & Jackson	Hopkins	Meats	2	.....	2	.....
Oct. 2	Requa, Daniel	Hopkins	Garage & auto repairing	1	.....	1	.....
Oct. 2	Smalla, J. V	Hopkins	Auto repairing	1	.....	1	.....
Oct. 2	Walter Auto Co	Hopkins	Garage & auto repairing	5	.....	5	.....
Sept. 29	Bachman, Charles	Martin	Meats	2	.....	2	.....
Sept. 29	Martin Dairy & Produce Co	Martin	Butter	3	.....	3	.....
Sept. 29	Martin Elevator Co	Martin	Grain and feed	3	.....	3	.....
Sept. 27	Martin Garage	Martin	Auto repairing	1	.....	1	.....
Sept. 29	Michigan State Telephone Co	Martin	Telephone service	.....	3	3	.....
Sept. 29	Simkins, L. W	Martin	Auto repairing	2	.....	2	.....
Sept. 27	Herb, D. O	Moline	Auto repairing	2	.....	2	.....
Sept. 27	Moline Milling Co	Moline	Flour and feed	4	.....	4	.....
Sept. 27	Sanitary Milk Co	Moline	Dairy products	2	.....	2	.....
Sept. 27	New Salem Cheese Factory	New Salem	Cheese	2	.....	2	.....
Sept. 26	Oakland Creamery Co	Oakland	Butter	2	.....	2	.....
Oct. 6	Allegan County Gas Co	Otsego	Light and fuel	11	.....	11	.....
Oct. 6	Angle Steel Stool Co	Otsego	Stools	11	2	13	.....
Oct. 6	Balgoyne, H. M	Otsego	Coal, wood, etc	4	1	5	.....
Oct. 4	Bardeen Paper Co	Otsego	Paper	349	73	422	.....
Oct. 6	Bennett & Son	Otsego	Baked goods	3	1	4	.....
Oct. 6	Button, E. L	Otsego	Shoe repairing	2	.....	2	.....
Oct. 5	Chaffee & Schnebelt	Otsego	Baked goods	2	1	3	.....
Oct. 6	Consumers Power Co	Otsego	Electricity	1	1	2	.....
Oct. 5	Dann, W. C	Otsego	Feed	1	1	2	.....
Oct. 4	Eady Shoe Mfg. Co	Otsego	Shoes	29	26	55	2
Oct. 6	Jackson, J. K	Otsego	Meats	2	.....	2	.....
Oct. 5	Jungnitsek, Herman C	Otsego	Blacksmithing	1	.....	1	.....
Oct. 5	Mac-Sim Bar Paper Co	Otsego	Paper	208	1	209	.....
Oct. 6	Michigan State Telephone Co	Otsego	Telephone service	1	7	8	.....
Oct. 5	Musser, Clarence	Otsego	General repairing	1	.....	1	.....
Oct. 5	Otsego City Water Works	Otsego	Water	1	.....	1	.....
Oct. 6	Otsego Creamery, The	Otsego	Butter	1	.....	1	.....
Oct. 5	Otsego Laundry	Otsego	Laundry	1	1	2	.....
Oct. 5	Otsego Power & Manufacturing Co	Otsego	Filing devices	22	1	23	.....
Oct. 5	Schoolcraft, Fred	Otsego	Plumbing	3	.....	3	.....
Oct. 4	Siple, G. H. & Co	Otsego	Grain, lumber, coal	6	1	7	.....
Oct. 5	Squires, Ray	Otsego	Meats	2	.....	2	.....
Oct. 6	Swarts Auto Co	Otsego	Auto repairing	3	.....	3	.....
Oct. 5	Otsego Union, The	Otsego	Printing	3	1	4	.....
Oct. 6	Tire Shop	Otsego	Tire repairing	1	.....	1	.....
Oct. 6	Townsend, Kate	Otsego	Millinery	.....	2	2	.....
Oct. 6	Tubbs, Mrs. W. H	Otsego	Millinery	.....	2	2	.....
Oct. 5	Wolverine Paper Co	Otsego	Paper	66	13	79	.....
Sept. 18	Co-operative Creamery Co	Overisel	Butter	2	.....	2	.....
Sept. 18	Hoffman, John & Son	Overisel	Flour and feed	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ALLEGAN CO.—*Con.*						
Sept. 19	Hoyt's, L. M. Creamery	Pearl	Dairy products	2	.....	2	.....
Oct. 9	Chambers, Sprague W	Plainwell	Job printing	1	.....	1	.....
Oct. 8	Eesley Light & Power Co	Plainwell	Light and power	2	1	3	.....
Oct. 8	Eesley, J. F. Milling Co	Plainwell	Flour and feed	13	1	14	.....
Oct. 8	Harwood, F. A. & Co	Plainwell	Produce	5	25	30	.....
Oct. 9	Hyder & Kelly	Plainwell	Meats	3	.....	3	.....
Oct. 8	Michigan State Telephone Co	Plainwell	Telephone service	1	8	9	.....
Oct. 9	Plainwell Enterprise	Plainwell	Printing	2	1	3	.....
Oct. 9	Plainwell Water Works	Plainwell	Water	1	.....	1	.....
Oct. 9	Main Street Garage	Plainwell	Auto repairing	4	1	5	.....
Oct. 8	Michigan Paper Co	Plainwell	Paper	188	70	258	.....
Oct. 9	Plainwell Lumber & Coal Co	Plainwell	Lumber and coal	4	.....	4	.....
Oct. 9	Powell, A. J	Plainwell	Meats	1	1	2	.....
Oct. 9	Shaw-Root Style Shop	Plainwell	Millinery	.....	3	3	.....
Oct. 9	Travis Garage	Plainwell	Auto repairing	6	1	7	.....
Sept. 19	Freestone Pickle Co	Pullman	Pickles	3	.....	3	.....
Sept. 17	Hess, H	Pullman	Barrels	3	.....	3	.....
Sept. 19	Pullman Supply Co., The	Pullman	Lumber and feed	2	.....	2	.....
Sept. 17	Hamilton, W. D. Lumber & Coal Co	Saugatuck	Lumber and coal	4	1	5	.....
Sept. 17	Reed, R. E	Saugatuck	Auto repairing	2	.....	2	.....
Sept. 17	Reid, Ward	Saugatuck	Meats	2	.....	2	.....
Sept. 17	Saugatuck Auto Co	Saugatuck	General repairing	5	.....	5	.....
Sept. 17	Saugatuck Co-operative Fruit Assn	Saugatuck	Fruits	7	7	14	.....
Sept. 28	Briggs, W. E. & Co	Shelbyville	Grain	4	6	10	.....
Sept. 28	Barnhart, L	Wayland	Groceries and meats	3	1	4	.....
Sept. 28	Brush Electric Light & Power Co	Wayland	Light and power	2	.....	2	.....
Sept. 28	Business Men's Paper Press Co	Wayland	Paper presses	14	1	15	.....
Sept. 28	Helvetia Milk Condensing Co	Wayland	Milk products	35	6	41	.....
Sept. 28	Henderson Milling Co	Wayland	Flour and feed	3	.....	3	.....
Sept. 28	Hughes, A. D. Co	Wayland	Mill supplies	8	1	9	.....
Sept. 28	Huneberger & Bowman	Wayland	Lumber	2	.....	2	.....
Sept. 28	Lents, Henry W	Wayland	Produce	2	7	9	.....
Sept. 28	Libby, McNeill & Libby	Wayland	Pickles	2	.....	2	.....
Sept. 28	Mason, Mrs. H. A	Wayland	Millinery	.....	2	2	.....
Sept. 28	Michigan State Telephone Co	Wayland	Telephone service	1	3	4	.....
Sept. 28	Mosher's Garage	Wayland	Auto service	3	.....	3	.....
Sept. 28	Pryor Bros	Wayland	Feed	2	.....	2	.....
Sept. 28	Wayland Globe, The	Wayland	Printing	2	1	3	.....
Sept. 28	Yeakey Auto Co	Wayland	Auto repairing	4	.....	4	.....
	ALPENA COUNTY.						
July 26	Alcona Fish Co	Alpena	Fish	13	.....	13	.....
Oct. 24	Alexander, William	Alpena	Lumber	14	1	15	.....
July 27	Alpena Auto Co	Alpena	Auto repairing	3	.....	3	.....
Aug. 3	Alpena Bottling Works	Alpena	Soft drinks	2	.....	2	.....
Aug. 6	Alpena Cigar Co	Alpena	Cigars	1	.....	1	.....
Aug. 4	Alpena City Water & Light Works	Alpena	Water	10	1	11	.....
Aug. 4	Alpena Electric Light Co	Alpena	Electricity	9	1	10	.....
Aug. 31	Alpena Excelsior Co	Alpena	Excelsior	16	.....	16	.....
July 30	Alpena Fish Co	Alpena	Fish	18	.....	18	.....
Oct. 23	Alpena Garage	Alpena	Auto repairing	4	1	5	.....
July 24	Alpena Gas Co	Alpena	Gas	6	1	7	.....
July 21	Alpena Hide & Fur Co	Alpena	Hides	2	1	3	.....
July 18	Alpena Industrial Works	Alpena	Machinery	24	2	26	4
July 16	Alpena Laundry Co	Alpena	Laundry	2	10	12	.....
July 31	Alpena Leather Corporation	Alpena	Leather and hides	130	1	131	.....
July 17	Alpena Marble & Granite Co	Alpena	Monuments	6	1	7	.....
July 28	Alpena Meat Co	Alpena	Meats	3	.....	3	1
July 19	Alpena News Publishing Co	Alpena	Printing	10	5	15	2
July 28	Alpena Printing Studio	Alpena	Printing	2	.....	2	.....
Feb. 19	Alpena Woolen Mills	Alpena	Woolens	8	14	22	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ALPENA CO.—*Con.*						
Oct. 27	Anderson, John	Alpena	Cigars	1	.....	1	.....
July 27	Anderson & Gunderson	Alpena	Fish	7	.....	7	.....
Aug. 4	Baker, Thomas & Son	Alpena	Blacksmithing	2	.....	2	.....
Aug. 24	Beck Malting & Brewing Co., The	Alpena	Beer	17	1	18	.....
Aug. 6	Bedford Coal Co., The	Alpena	Coal	6	.....	6	.....
July 31	Beebe, Harry J	Alpena	Auto repairing	2	.....	2	.....
July 25	Berg, John F	Alpena	Meats	3	.....	3	1
July 31	Besser Manufacturing Co	Alpena	Machinery	16	1	17	.....
July 28	Beyer, E. C	Alpena	Dry cleaning	1	.....	1	.....
Aug. 6	Bowen, D. L	Alpena	Blacksmithing	2	.....	2	.....
Aug. 6	Bradford Lumber & Planing Mill Co	Alpena	Lumber	20	1	21	.....
July 23	Buck Laundry, The	Alpena	Laundry	2	9	11	.....
July 30	Burston, George	Alpena	Tailoring	2	1	3	.....
Aug. 2	Campbell, W. H	Alpena	Plumbing	7	.....	7	.....
July 23	Champagne, A	Alpena	Transfer service	3	.....	3	1
July 17	Climie's Bakery	Alpena	Baked goods	2	1	3	.....
July 21	Cohen & Co	Alpena	Custom clothing	3	1	4	.....
July 30	Corbin-Hill Co., The	Alpena	Cedar and lumber	6	1	7	.....
Aug. 14	Daly, L. C	Alpena	Meats	2	.....	2	.....
July 24	Dammrose Bros	Alpena	Cigars	2	.....	2	.....
Aug. 4	Dehring, John & Sons	Alpena	Beer	3	1	4	.....
Aug. 4	Dehring's Meat Market	Alpena	Meats	4	.....	4	.....
Oct. 23	DesChamps, Mrs. Frances	Alpena	Millinery	.....	5	5	.....
Oct. 23	Detroit Lace Manufacturing Co	Alpena	Laces	1	3	4	.....
Aug. 10	Detroit & Mackinac Railway Co	Alpena	Repairing cars	40	.....	40	.....
Aug. 3	Douville & Sons	Alpena	Baked goods	3	.....	3	.....
Oct. 22	Drath, A. R	Alpena	Dry cleaning	1	1	2	.....
July 31	Duchene, Dan	Alpena	Meats	2	.....	2	.....
Aug. 14	Dunivan, Charles	Alpena	Ice	5	1	6	.....
July 24	Dust Brothers	Alpena	Cigars	3	.....	3	1
Oct. 22	Eales Brothers	Alpena	Coal and wood	2	1	3	.....
July 25	Eddy Engineering Co	Alpena	Plumbing	7	2	9	.....
Aug. 3	Elowski, Richard	Alpena	Meats	2	.....	2	.....
Oct. 24	Fletcher Paper Co	Alpena	Pulp mill	72	.....	72	14
Aug. 6	Fletcher Paper Co	Alpena	Paper	312	9	321	.....
Aug. 2	Forest, Fred Livery Barn	Alpena	Livery barn	1	.....	1	.....
Oct. 22	French, W. C	Alpena	General repairing	2	.....	2	.....
July 25	Furbush, Eugene	Alpena	Trucking	5	1	6	.....
Aug. 10	Gabrysiak, W. J	Alpena	Meats	2	.....	2	.....
Oct. 26	Garant & Marceau	Alpena	Baked goods	4	.....	4	.....
July 23	Gavagan, J. W. & Co	Alpena	Candy	2	4	6	.....
July 26	Gebhardt, Morrow & Co	Alpena	Building supplies	13	1	14	.....
July 24	Hall, C. C	Alpena	Bicycles	2	.....	2	.....
July 27	Hay, F. W. & Son	Alpena	Bicycles	2	.....	2	.....
Aug. 6	Holland Furnace Co	Alpena	Furnaces	2	.....	2	.....
Aug. 6	Holmes, Frank C. & Son	Alpena	Groceries	9	2	11	.....
Aug. 3	Hubel, Frank	Alpena	Merchant tailoring	1	1	2	.....
Aug. 1	Huron Portland Cement Co	Alpena	Cement	452	.....	452	.....
Aug. 11	Huron Printing Co., The	Alpena	Printing	2	.....	2	1
July 18	Island Mill Lumber Co	Alpena	Lumber	58	.....	58	.....
July 20	Jaffee & Blumeno	Alpena	Hides and junk	2	1	3	.....
July 23	Joachimsthal, H	Alpena	Clothing and millinery	1	10	11	.....
Aug. 4	Kierst, Joseph	Alpena	Cigars	1	.....	1	.....
Aug. 3	Krueger, Albert	Alpena	Meats	2	.....	2	.....
July 28	Konjora, Joseph	Alpena	Tailoring	1	1	2	.....
July 17	Kositcheck, Ed	Alpena	Harness	3	.....	3	.....
Aug. 10	Knapp, M. G	Alpena	Shoe repairing	2	.....	2	.....
Aug. 14	LeBlanc, W. J	Alpena	Meats	2	.....	2	.....
Aug. 10	LeRoy, D	Alpena	Machine repairing	1	.....	1	.....
July 19	Levyn, J. & Son	Alpena	Cigars	5	.....	5	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ALPENA CO.—*Con.*						
Oct. 27	Lutes, G. V.	Alpena	Cedar and lumber	53	1	54	.....
Oct. 27	McClory, James	Alpena	Potash	3	.....	3	.....
Oct. 26	McGillis, John D	Alpena	Sheet iron	2	.....	2	.....
Oct. 23	McKay, A. L.	Alpena	Harness	1	.....	1	.....
Oct. 22	McLearn, Mrs. A. M	Alpena	Millinery	.....	3	3	.....
Aug. 1	Marine Meat Market	Alpena	Meats	3	.....	3	.....
Aug. 14	Maynard, J. E.	Alpena	Plumbing	2	.....	2	1
July 1	Michigan Alkali Co	Alpena	Rock products	207	.....	207	.....
July 17	Michigan Dry Cleaning & Dye Works	Alpena	Dry cleaning	4	1	5	1
July 16	Michigan Veneer Co	Alpena	Veneer	70	1	71	8
Aug. 11	Model Printing Co	Alpena	Printing	1	1	2	.....
Aug. 11	Monarch Milling Co	Alpena	Flour	3	1	4	.....
Oct. 25	Neff Bros	Alpena	Lumber and lath	2	.....	2	.....
July 31	Northern Foundry Co., The	Alpena	Castings	2	.....	2	.....
July 19	Northern Planing Mill	Alpena	Lumber	5	1	6	.....
Oct. 26	Oliver, John T	Alpena	Boiler repairing	7	.....	7	.....
July 19	Oliver & Hanson	Alpena	Electric contracting	6	1	7	.....
Aug. 10	Onaway-Alpena Telephone Co	Alpena	Telephone service	6	9	15	.....
Aug. 3	Putvin, James E.	Alpena	Cigars	1	.....	1	.....
July 26	Piepkorn Bros. Fish Co	Alpena	Fish	14	.....	14	.....
Aug. 9	Reynolds, C. A	Alpena	Garage	4	1	5	.....
July 20	Richardson Lumber Co	Alpena	Lumber	45	2	47	.....
Aug. 11	Ritsler, Charles	Alpena	Merchant tailoring	3	.....	3	.....
July 16	Rogers Brothers	Alpena	Beans	16	101	117	4
Aug. 2	Saro, Joe	Alpena	Fruit and candy	3	6	9	.....
Aug. 13	Shefferman, A.	Alpena	Printing	1	.....	1	.....
Oct. 22	Sioux City Seed & Nursery Co	Alpena	Beans and peas	4	41	45	.....
July 17	Smith, James W	Alpena	Blacksmithing	2	.....	2	.....
Aug. 13	Smith, Leo J	Alpena	Groceries	2	.....	2	.....
July 24	Standard Oil Co	Alpena	Oil	7	.....	7	.....
July 19	Steele, C. F	Alpena	Auto repairing	9	1	10	.....
July 31	Swantek, Stanley	Alpena	Meats	2	.....	2	.....
Aug. 14	Tebo, C. D	Alpena	Transfer service	2	.....	2	.....
Aug. 6	Thunder Bay Milling Co	Alpena	Flour and feed	7	.....	7	.....
July 30	VanNocker, Edward H	Alpena	Photographing	1	1	2	.....
Aug. 6	Van Hemel, John P	Alpena	Printing	1	.....	1	.....
Aug. 11	Wallace, Morley	Alpena	Bicycle repairing	1	.....	1	.....
Aug. 11	Walle, Paul	Alpena	Meats	3	.....	3	.....
July 16	Walker Veneer Works	Alpena	Veneer	22	2	24	.....
Oct. 27	Western Cedar & Lumber Co	Alpena	Cedar and lumber	133	1	134	.....
July 17	Widdis, Fred G	Alpena	Trucking	11	.....	11	.....
July 30	Wright, J. E.	Alpena	Auto livery	2	.....	2	.....
Aug. 8	Angell & McDonald	Hubbard Lake	Dressed lumber	3	.....	3	.....
Aug. 8	Burnham, C. A	Hubbard Lake	Shingles	3	.....	3	1
Aug. 8	Colby & Thompson	Hubbard Lake	Lumber	5	.....	5	.....
Aug. 8	Rosewood Lachine Creamery Co	Lachine	Creamery	3	.....	3	.....
Aug. 9	Great Lakes Stone & Lime Co	Rockport	Crushed stone	79	.....	79	.....
Aug. 8	Huron Portland Cement Co	Shell Beds	Quarry	20	.....	20	.....
Aug. 8	Elowsky Shingle Mill	Wolf Creek	Shingles	4	.....	4	.....
Aug. 8	Elowsky, Otto	Wolf Creek	Flour	4	.....	4	.....
	ANTRIM COUNTY.						
April 23	Alba Custom Mills, The	Alba	Lumber	8	.....	8	.....
April 23	Anderson, J. & Sons	Alba	Meats and provisions	3	.....	3	.....
April 23	Gaslay & Sons	Alba	Repairing	4	.....	4	.....
April 23	Hammond, L.	Alba	Blacksmithing	2	.....	2	.....
April 23	Matthews, E. & Son	Alba	Hardware	2	.....	2	.....
April 23	Shepard, F. M	Alba	Hardware	1	.....	1	.....
April 14	Banowske, A. F	Bellaire	Custom tailoring	2	.....	2	.....
April 13	Bellaire Independent, The	Bellaire	Printed matter	2	.....	2	.....
April 13	Bellaire Meat Market, The	Bellaire	Meats	2	.....	2	.....
April 13	Bellaire Water Supply Co	Bellaire	Water	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ANTRIM CO.—*Con.*						
April 13	Coldren, H. M.	Bellaire	Hardware	2	.....	2	.....
April 14	Dickinson, E. M.	Bellaire	Machine repairing	1	.....	1	.....
April 13	Flye, Fred D.	Bellaire	Hardware	2	.....	2	.....
April 13	Harper, N. A.	Bellaire	Baked goods	1	.....	1	.....
April 14	Hierlihy, William	Bellaire	Harness	1	.....	1	.....
April 13	Hosmer, W. A.	Bellaire	Lumber	12	.....	12	.....
April 13	Hydraulic Power & Light Co.	Bellaire	Power and light	3	.....	3	.....
April 14	Montague Produce Co.	Bellaire	Produce	4	.....	4	.....
April 14	Municipal Lighting Plant	Bellaire	Light and power	2	.....	2	.....
April 13	Richardi, Henry	Bellaire	Feed	2	.....	2	.....
April 13	Richards, J. E.	Bellaire	Lumber and shingles	5	.....	5	.....
April 13	Turner, C. B.	Bellaire	Meats	2	.....	2	.....
April 13	Wilks, Frank	Bellaire	Blacksmithing	2	.....	2	.....
April 14	York, C. M.	Bellaire	Blacksmithing	2	.....	2	.....
April 12	Antrim County Overland Co.	Central Lake	Garage	3	.....	3	.....
April 11	Argo Milling Co.	Central Lake	Flour and feed	2	.....	2	.....
April 14	Central Lake Canning Co.	Central Lake	Canned goods	24	72	96	.....
April 11	Central Lake Construction Co.	Central Lake	Lumber	12	.....	12	.....
April 11	Central Lake Electric Light Co.	Central Lake	Light and power	2	.....	2	.....
April 11	Central Lake Produce & Supply Co.	Central Lake	Produce	5	.....	5	.....
April 10	Central Lake Publishing Co., The	Central Lake	Printed matter	1	1	2	.....
April 11	City Bakery	Central Lake	Baked goods	1	.....	1	.....
April 10	Crampton, Sam	Central Lake	Blacksmithing	2	.....	2	.....
April 12	Dunsmore, Andrew	Central Lake	Passenger service	3	.....	3	.....
April 10	Fisk Hardware	Central Lake	Hardware	2	.....	2	.....
April 12	Foote, W. L.	Central Lake	Tubular wells	4	.....	4	.....
April 11	Gibson, O. A.	Central Lake	Hardware	2	.....	2	.....
April 12	Hastings, C. W.	Central Lake	Produce	4	.....	4	.....
April 14	Hemphill Brothers	Central Lake	Potato crates	5	.....	5	.....
April 11	Knowles, W. R.	Central Lake	Meats	2	.....	2	.....
April 11	Libby, McNeill & Libby	Central Lake	Pickles	3	.....	3	.....
April 12	Muckle, John	Central Lake	Coal and wood	3	.....	3	.....
April 11	Smith, John H. & Sons	Central Lake	Implements	7	.....	7	.....
April 14	Traverse Bay Telephone Co.	Central Lake	Telephone service	2	3	5	.....
April 19	Antrim County News	Elk Rapids	Printed matter	2	.....	2	.....
April 20	Beebe, Charles A.	Elk Rapids	Blacksmithing	2	.....	2	.....
April 20	Beebe, Harry	Elk Rapids	Transportation	3	.....	3	.....
April 20	Elk Electric Co.	Elk Rapids	Light and power	5	.....	5	.....
April 20	Elk Rapids Iron Co.	Elk Rapids	Lumber	5	.....	5	.....
April 19	Elk Rapids Progress	Elk Rapids	Printed matter	2	1	3	.....
April 20	Elk Rapids Water Supply Co.	Elk Rapids	Water	2	.....	2	.....
April 19	McLachlan, C. D.	Elk Rapids	Blacksmithing	1	.....	1	.....
April 19	Monteith, J. F.	Elk Rapids	Auto repairing	2	.....	2	.....
April 19	Powers and Bargy	Elk Rapids	Coal and feed	4	.....	4	.....
April 20	Shannon, W. J.	Elk Rapids	Coal, feed and hay	2	1	3	.....
April 19	Spinner & Bachi	Elk Rapids	Meats	3	.....	3	.....
April 20	White, W. R. & Son	Elk Rapids	Hardware	3	.....	3	.....
April 12	Boss, W. A.	Ellsworth	Hardware	3	.....	3	.....
April 12	Clow, D. E. & Co.	Ellsworth	Hardware	2	1	3	.....
April 12	Ellsworth Creamery Co.	Ellsworth	Dairy products	5	.....	5	.....
April 12	Ellsworth Produce Co.	Ellsworth	Produce	4	.....	4	.....
April 24	Antrim Iron Co.	Mancelona	Charcoal	81	.....	81	.....
April 24	Antrim Iron Co.	Mancelona	Railroad	28	.....	28	.....
April 24	Antrim Iron Co.	Mancelona	Car repairing	3	.....	3	.....
April 24	Antrim Iron Co.	Mancelona	Lumber	72	.....	72	.....
April 24	Antrim Iron Co.	Mancelona	Chemicals	62	.....	62	.....
April 24	Antrim Iron Co.	Mancelona	Pig iron	243	1	244	.....
April 24	Antrim Iron Co.	Mancelona	Forest products and wood	293	.....	293	.....
April 24	Antrim Iron Co.	Mancelona	Forest products and logs	72	.....	72	.....
April 25	Antrim Light & Power Co.	Mancelona	Light and power	5	.....	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ANTRIM CO.—*Con.*						
April 25	Beam, Warren B	Mancelona	Lumber	3	.....	3	.....
April 24	Davidson, A. J	Mancelona	Custom clothing	1	1	2	.....
April 24	Erhardt, D. F	Mancelona	Blacksmithing	1	.....	1	.....
April 24	Hankey Milling Co	Mancelona	Flour and feed	3	.....	3	.....
April 24	Mancelona Grocery Co	Mancelona	Provisions	5	.....	5	.....
April 25	Mancelona Herald	Mancelona	Printed matter	2	.....	2	.....
April 25	Mancelona Lumber Co., The	Mancelona	Lumber	9	1	10	.....
April 25	Mancelona News, The	Mancelona	Printed matter	2	.....	2	.....
April 24	Mathewson Harness Co	Mancelona	Harness	4	.....	4	.....
April 24	Mead, James	Mancelona	Shoe repairing	2	.....	2	.....
April 25	Michigan State Telephone Co	Mancelona	Telephone service	1	3	4	.....
April 25	O'Brien & Brower	Mancelona	Hardware	2	.....	2	.....
April 25	Robb, A. J	Mancelona	Auto repairing	3	.....	3	.....
April 25	Waldie, F	Mancelona	Blacksmithing	2	.....	2	.....
April 24	William's Garage	Mancelona	Auto repairing	2	.....	2	.....
April 25	Wisler & Co	Mancelona	Hardware	6	1	7	.....
	ARENAC COUNTY.						
Aug. 10	Herman & Johnson Lumber Co	Au Gres	Lumber	8	.....	8	.....
Aug. 10	Omer Mill & Elevator Co	Omer	Beans	1	1	2	.....
Aug. 15	Arenac County Independent	Standish	Printing	2	2	4	.....
Aug. 16	Gottenmyer, W. C	Standish	Meats	3	.....	3	.....
Aug. 15	Hardy Millinery Co	Standish	Millinery	.....	2	2	.....
Aug. 15	Ireland's Garage	Standish	Auto repairing	6	.....	6	1
Aug. 16	Heins, H. J. Co	Standish	Pickles	2	.....	2	.....
Aug. 16	Knight, E. M	Standish	Blacksmithing	1	.....	1	.....
Aug. 16	International Milk Products Co	Standish	Milk products	9	.....	9	.....
Aug. 16	Raynak, John	Standish	Blacksmithing	1	.....	1	.....
Aug. 15	Standish Baking Co	Standish	Baked goods	1	2	3	.....
Aug. 16	Standish City Flouring Mills	Standish	Flour, feed and shingles	14	.....	14	.....
Aug. 16	Standish Elevator Co	Standish	Grain and beans	2	1	3	.....
Aug. 16	Steinhurst, A	Standish	Harness	2	.....	2	.....
Aug. 16	Sterling Auto Co	Sterling	Auto repairing	2	.....	2	.....
Aug. 16	Sterling Elevator Co	Sterling	Grain and beans	3	.....	3	.....
Aug. 10	Turner Elevator Co	Turner	Grain	2	1	3	.....
Aug. 10	Turner Lumber & Mfg. Co	Turner	Lumber	4	.....	4	.....
Aug. 10	Gordon, Blanche	Twining	Millinery	.....	1	1	.....
Aug. 10	Twining Creamery	Twining	Butter	1	1	2	.....
Aug. 10	Twining Elevator Co	Twining	Beans	2	3	5	.....
	BARAGA COUNTY.						
Aug. 29	Baraga County Telephone Co	Baraga	Telephone service	.....	3	3	.....
Aug. 29	Baraga Lumber Co	Baraga	Lumber	90	1	91	4
Aug. 29	Baraga Municipal Water & Light Plant	Baraga	Water and light	2	.....	2	.....
Aug. 29	Beck, John	Baraga	Meats	3	.....	3	.....
Aug. 29	Cote, John N	Baraga	Blacksmithing	1	.....	1	.....
Aug. 29	Falk, Herman J	Baraga	Cigars	5	2	7	.....
Aug. 29	Hackman Tailor Shop	Baraga	Tailoring	1	.....	1	.....
Aug. 29	Kenefick, M. T	Baraga	Meats	1	.....	1	.....
Aug. 29	Nesbitt, Hugh	Baraga	Hardware	3	.....	3	.....
Aug. 28	Argyros, John	L'Anse	Candy and ice cream	1	1	2	.....
Aug. 27	Boyer, Joseph	L'Anse	Blacksmithing	2	.....	2	.....
Aug. 27	Hansen, Matt	L'Anse	Hardware	3	.....	3	.....
Aug. 27	Jacobson, Chas	L'Anse	Meats	1	.....	1	.....
Aug. 27	L'Anse Garage Co	L'Anse	Auto repairing	3	.....	3	.....
Aug. 28	L'Anse Hydro-Electric Light & Power Plant	L'Anse	Light and power	3	.....	3	.....
Aug. 28	L'Anse Sentinel, The	L'Anse	Printing	3	.....	3	.....
Aug. 27	Sanregret, George	L'Anse	Fruits and ice cream	2	.....	2	.....
Aug. 27	Stearns & Culver Lumber Co	L'Anse	Lumber	190	1	191	3
Aug. 27	Upper Peninsula Farmer, The	L'Anse	Printed matter	2	.....	2	.....
Aug. 27	Welsh, Emery	L'Anse	Meats	3	.....	3	.....
Aug. 28	Hebard, Charles & Sons, Inc	Pequaming	Lumber	164	.....	164	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BARRY COUNTY.						
Sept. 5	Delton Cooperative Creamery Co.	Delton	Butter	3	1	4	.....
Sept. 5	Delton Elevator Co.	Delton	Grain and feed	3	.....	3	.....
Sept. 5	Leonard, Wm.	Delton	Barrels	12	.....	12	.....
Sept. 5	Mantel, G. A. & Son	Delton	Auto repairing	2	.....	2	.....
Sept. 5	Murdock, J. D. & Co.	Delton	Lumber and coal	4	.....	4	.....
Sept. 7	Cheesebrough, Thos. E.	Freeport	Handles and rakes	21	.....	21	.....
Sept. 7	Cool, J. D. & Sons	Freeport	Auto repairing	4	.....	4	.....
Sept. 7	Curtiss, Chas. A.	Freeport	Lumber	11	.....	11	.....
Sept. 7	Farmers' Cooperative Creamery Co., Ltd.	Freeport	Butter	2	.....	2	.....
Sept. 7	Freeport Farmers' Elevator Co.	Freeport	Grain	2	.....	2	.....
Sept. 7	Freeport Herald, The	Freeport	Printing	1	.....	1	.....
Sept. 7	Overholt Bros.	Freeport	Produce	1	1	2	.....
Sept. 7	Walton, Claud L.	Freeport	Auto repairing	2	.....	2	.....
Aug. 29	American Laundry	Hastings	Laundry	2	2	4	.....
Aug. 8	Brown, F. A. Co.	Hastings	Plumbing	2	.....	2	.....
Sept. 4	Citizens Telephone Co.	Hastings	Telephone service	4	9	13	.....
Aug. 29	City Steam Laundry	Hastings	Laundry	1	1	2	.....
Aug. 28	Consolidated Press Co.	Hastings	Presses	235	7	242	5
Aug. 29	Crystal Creamery Co.	Hastings	Butter and cheese	6	1	7	.....
Aug. 29	Edmonds Bros.	Hastings	Grain and coal	6	.....	6	.....
Aug. 29	Feldpausch & Fedewa	Hastings	Meats	3	.....	3	.....
Aug. 30	Fuller, R. C. Lumber Co.	Hastings	Lumber	4	.....	4	.....
Aug. 29	Goodyear Bros. Hardware Co.	Hastings	Hardware and plumbing	9	1	10	.....
Aug. 30	Grand Rapids Bookcase & Chair Co.	Hastings	Bookcases and chairs	136	7	143	.....
Aug. 29	Hastings Banner, The	Hastings	Printed matter	7	3	10	.....
Aug. 29	Hastings Buick Co.	Hastings	Auto repairing	3	1	4	.....
Aug. 29	Hastings City Water Works	Hastings	Water	4	.....	4	.....
Aug. 30	Hastings Condensed Milk Co.	Hastings	Milk products	6	1	7	.....
Aug. 25	Hastings Dry Cleaning Co.	Hastings	Cleaning and pressing	2	.....	2	.....
Aug. 29	Hastings Lumber & Coal Co.	Hastings	Lumber and coal	3	.....	3	.....
Aug. 30	Hastings Manufacturing Co.	Hastings	Auto accessories	5	5	10	.....
Sept. 6	Hastings Milling Co.	Hastings	Flour and feed	3	.....	3	.....
Aug. 30	Hastings Monument Works	Hastings	Monuments	3	.....	3	.....
Aug. 30	Hastings Printing Co.	Hastings	Printing	5	1	6	1
Aug. 28	Hastings Table Co.	Hastings	Tables	93	9	102	.....
Sept. 6	Hastings Transfer Co.	Hastings	Cartage	8	1	9	.....
Aug. 28	Hastings Wool Boot Co.	Hastings	Wool boots and socks	72	30	102	.....
Aug. 29	Huling, John	Hastings	Wood working	8	.....	8	.....
Aug. 29	Hubbard, Miss M. E.	Hastings	Millinery	.....	2	2	.....
Aug. 28	International Seal & Lock Co.	Hastings	Seals and locks	59	39	98	5
Sept. 6	Ironside & Michael	Hastings	Millinery	.....	2	2	.....
Aug. 29	Jordan & Steele Mfg. Co., The	Hastings	Iron	8	.....	8	.....
Aug. 30	Laubauch, Arthur	Hastings	Junk	3	.....	3	.....
Aug. 29	Lawrence Service Garage	Hastings	Auto repairing	2	.....	2	.....
Sept. 6	Lunn, Chas. E.	Hastings	Merchant tailoring	2	.....	2	.....
Aug. 30	Michigan Porcelain Insulator Co.	Hastings	Insulators	13	12	25	.....
Aug. 30	Osborn, Chas. H. Co., The	Hastings	Corset accessories	1	42	43	.....
Aug. 29	Reo Service Garage, The	Hastings	Auto repairing	2	.....	2	.....
Sept. 6	Rogers, Jos.	Hastings	Farm products	4	1	5	.....
Sept. 6	Rogers & Son	Hastings	Coal and ice	4	.....	4	.....
Aug. 30	Skinner Garage Co.	Hastings	Auto repairing	5	.....	5	.....
Aug. 30	Smith Bros., Velte & Co.	Hastings	Grain and produce	1	.....	1	.....
Aug. 29	Smith, Geo., Jr.	Hastings	Meats	2	.....	2	.....
Sept. 6	Star Bakery Co.	Hastings	Baked goods	8	2	10	.....
Aug. 29	State Street Garage	Hastings	Auto repairing	2	1	3	.....
Aug. 29	Thornapple Gas & Electric Co.	Hastings	Gas and electricity	6	.....	6	.....
Aug. 29	Waters Bros. Elevator Co., Inc.	Hastings	Grain, beans, flour, feed	4	1	5	.....
Sept. 7	Bennett's Garage	Middleville	Auto repairing	2	.....	2	.....
Sept. 7	French, R. T.	Middleville	Flour and grain	8	1	9	.....
Sept. 7	Gonyer's Garage	Middleville	Auto repairing	3	1	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BARRY CO.—*Con.*						
Sept. 7	Hubbard, Miss M. E.	Middleville	Millinery	.....	2	2	.....
Sept. 7	Middleville Cooperative Co-partnership Creamery Co., Ltd	Middleville	Butter	3	1	4	.....
Sept. 7	Middleville Sun, The	Middleville	Printed matter	2	1	3	.....
Sept. 7	Thompson, M. E.	Middleville	Meats	3	.....	3	.....
Sept. 7	Thornapple Gas & Electric Co	Middleville	Electricity	1	.....	1	.....
Sept. 7	Westfield & Fall River Lumber Co	Middleville	Lumber and coal	3	1	4	.....
Sept. 4	City Steam Laundry	Nashville	Laundry	1	2	3	.....
Sept. 4	Cook, L. H	Nashville	Lumber and coal	11	.....	11	.....
Sept. 4	Farmers' Cooperative Creamery Assn.	Nashville	Butter	3	.....	3	.....
Sept. 4	Hurd's Garage	Nashville	Auto repairing	4	.....	4	.....
Sept. 4	Lass, Louis & Son	Nashville	Flour and feed	2	.....	2	.....
Sept. 4	Lents Table Co	Nashville	Tables	70	.....	70	.....
Sept. 4	Liebhauser, W. J	Nashville	Lumber	3	.....	3	.....
Sept. 4	Marshall & Martens	Nashville	Grain and feed	3	.....	3	.....
Sept. 4	Nashville Bakery	Nashville	Baked goods	2	2	4	.....
Sept. 4	Nashville News, The	Nashville	Printed matter	4	.....	4	.....
Sept. 4	Nashville Water Works	Nashville	Water	1	.....	1	.....
Sept. 4	Roe, V. L	Nashville	Auto repairing	2	.....	2	.....
Sept. 4	Smith, A. M. & Co	Nashville	Dairy products	2	.....	2	.....
Sept. 4	Townsend, R. C	Nashville	Grain and beans	3	.....	3	.....
Aug. 31	Niethamer, F. S	Woodland	Auto repairing	2	.....	2	.....
Aug. 31	Smith Bros., Velte & Co	Woodland	Grain and beans	3	30	33	.....
Aug. 31	Smith & Trumbo	Woodland	General repairing	2	.....	2	.....
Aug. 31	Wachter, Leonard	Woodland	Meats	2	.....	2	.....
Aug. 31	Woodland News, The	Woodland	Printed matter	2	.....	2	.....
Aug. 31	Woodland Telephone Exchange	Woodland	Telephone service	2	2	4	.....
Aug. 31	Wright Place, The	Woodland	Baked goods	1	2	3	.....
	BAY COUNTY.						
Sept. 18	Auburn & Bay City Bus Line	Auburn	Passenger service	2	.....	2	.....
Sept. 18	Auburn Elevator Co	Auburn	Grain and lumber	3	.....	3	.....
Sept. 18	Auburn Garage Co	Auburn	Automobiles	1	.....	1	.....
Sept. 18	Clark, George W	Auburn	Blacksmithing	1	.....	1	.....
Sept. 18	Dengler, Bert	Auburn	Meats	1	.....	1	.....
Sept. 18	McDonald, Will	Auburn	Baked goods	1	.....	1	.....
Sept. 18	Schmidt, John K	Auburn	Blacksmithing	1	.....	1	.....
June 30	Ackerman, Justus	Bay City	Merchant tailoring	2	2	4	.....
Sept. 20	Acorn Press, The	Bay City	Printed matter	1	.....	1	.....
July 11	A. D. Cigar Factory	Bay City	Cigars	3	1	4	.....
June 30	Adams Express Co	Bay City	Transportation	7	.....	7	.....
May 10	Adams, Rodney H	Bay City	Blacksmithing	1	.....	1	.....
April 13	Adriance & Shults	Bay City	General repairing	3	.....	3	.....
July 1	Affleck Electric Co	Bay City	Electric supplies	9	1	10	1
Aug. 25	Aladdin Co., The	Bay City	Ready cut houses	235	2	237	9
May 10	Alert Pipe & Supply Co	Bay City	Mill supplies	24	2	26	.....
July 6	American Express Co	Bay City	Express service	18	1	19	.....
May 11	Arnold, John G	Bay City	Baked goods	8	2	10	.....
July 12	Bain, Charles D	Bay City	Plumbing	4	1	5	1
May 1	Ballamy & Snover	Bay City	Printing	4	.....	4	.....
Aug. 28	Barnett, Mrs. C. J	Bay City	Awnings	2	2	4	.....
July 1	Bate, A. & Son	Bay City	Monuments	2	.....	2	.....
Aug. 22	Bateson Bros	Bay City	Cement blocks	8	1	9	.....
April 17	Bay City Auto Co	Bay City	Autos	15	1	16	.....
June 26	Bay City Auto Body Co	Bay City	Auto bodies	7	.....	7	.....
May 8	Bay City Auto Wrecking Co	Bay City	Auto repairs	5	.....	5	.....
June 8	Bay City Baking Co	Bay City	Baked goods	12	8	20	.....
May 10	Bay City Brewing Co	Bay City	Brewing	27	.....	27	.....
Aug. 30	Bay City Broom Factory	Bay City	Brooms	3	.....	3	.....
June 11	Bay City Buick Co	Bay City	Garage	6	1	7	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BAY CO.—*Con.*						
June 4	Bay City Cast Stone Block Co	Bay City	Stone blocks	29	1	30	.....
April 13	Bay City Cigar Co	Bay City	Cigars	5	176	181	.....
May 14	Bay City Cornice Works	Bay City	Sheet metal	3	.....	3	.....
June 30	Bay City Democrat, The	Bay City	Printing	10	3	13	.....
April 3	Bay City Dredge Works	Bay City	Dredges	41	.....	41	.....
July 1	Bay City Electric Light Dept	Bay City	Electric service	19	3	22	.....
May 9	Bay City Foundry & Machine Co	Bay City	Machines	123	2	125	.....
April 12	Bay City Grain Co	Bay City	Flour and feed	4	1	5	.....
April 11	Bay City Grocer Co	Bay City	Wholesale groceries	31	5	36	.....
May 14	Bay City Ice Cream Co	Bay City	Ice cream	3	.....	3	.....
April 6	Bay City Iron Co	Bay City	Machinery and castings	80	.....	80	.....
July 1	Bay City Laundry Co	Bay City	Laundry	7	17	24	.....
June 11	Bay City Manufacturing Co	Bay City	Cement blocks	7	.....	7	.....
May 17	Bay City Messenger Service	Bay City	Messenger service	3	.....	3	.....
July 20	Bay City Milling Co	Bay City	Grain	5	1	6	.....
April 24	Bay City Omnibus Co	Bay City	Livery	14	1	15	.....
May 14	Bay City Packing Co	Bay City	Packing	10	4	14	.....
June 1	Bay City Plumbing & Heating Co	Bay City	Plumbing	13	.....	13	3
Sept. 25	Bay City Ready-Cut Home Co	Bay City	Ready-out houses	49	3	52	3
Aug. 22	Bay City Stone Co	Bay City	General contracting	97	.....	97	.....
April 18	Bay City Times Tribune	Bay City	Printing and publishing	46	5	51	3
May 29	Bay City Tire & Supply Co	Bay City	Tires	12	3	15	3
May 28	Bay City Typesetting Co	Bay City	Type setting	2	.....	2	.....
July 10	Bay City Welding Co	Bay City	Cuttings and welding	1	.....	1	.....
April 17	Bay City Welding Co	Bay City	Welding & auto repairing	3	.....	3	.....
May 24	Bay City Wood & Ice Co	Bay City	Coal and wood	12	1	13	.....
May 23	Bay City Wood Plaster Co	Bay City	Plaster	7	.....	7	.....
April 26	Becker, H	Bay City	Produce	6	.....	6	.....
Aug. 30	Behmlander, George	Bay City	Meats	2	.....	2	.....
May 11	Belworthy, B	Bay City	Merchant tailoring	4	2	6	.....
Aug. 22	Benson Fish Co., The	Bay City	Fish	12	.....	12	.....
July 11	Beutel Pickling & Canning Co	Bay City	Pickles	13	31	44	.....
Aug. 30	Bergevin & Hamme	Bay City	Millinery	.....	2	2	.....
June 11	Berling, W. A	Bay City	Watch repairing	1	.....	1	.....
Aug. 23	Beutel Fisheries Co	Bay City	Fish	14	1	15	.....
June 11	Bigelow-Cooper Co., The	Bay City	Lumber	117	2	119	.....
May 14	Bluhm, Emil E	Bay City	Blacksmithing	2	.....	2	.....
April 9	Boehringer Bros	Bay City	Flowers	13	6	19	.....
June 11	Booth Fisheries Co	Bay City	Fish	9	.....	9	.....
May 25	Bousfield & Co	Bay City	Cooperage	139	16	155	37
June 11	Bradley, Miller & Co	Bay City	Lumber, etc	150	2	152	6
June 30	Breen, John F	Bay City	Sporting goods	5	.....	5	.....
Aug. 30	Bromfield & Colvin	Bay City	Grain	10	1	11	.....
April 12	Bromfield & Colvin	Bay City	Grain and seeds	11	31	42	.....
Sept. 17	Brown, Mrs. J	Bay City	Millinery	.....	3	3	.....
Dec. 7	Brown, Mrs. M. M. King	Bay City	Fur repairing	.....	4	4	.....
Aug. 31	Buehler Brothers	Bay City	Meats	5	1	6	.....
Aug. 21	Burkhardt, Robert	Bay City	Meats	3	.....	3	.....
May 8	Burroughs, E. E	Bay City	Furniture	3	.....	3	.....
Aug. 29	Buttinnes, Joe	Bay City	Shoe repairing	1	.....	1	.....
Aug. 27	Campbell, Hugh & Sons	Bay City	Contracting	45	.....	45	.....
June 11	Caplan, C. H	Bay City	Clothing	1	1	2	.....
Sept. 11	Carney & Sloan	Bay City	Lumber	6	1	7	.....
May 2	Carroll, John	Bay City	Produce	13	3	16	.....
April 26	Carrol, D. J. & Co	Bay City	Confectionery	3	1	4	.....
Sept. 26	Corliss Bread Co	Bay City	Baked goods	6	2	8	.....
June 8	Cash, F. H. Co	Bay City	Cold storage	5	.....	5	.....
Dec. 3	Cass Avenue Coal Co., The	Bay City	Coal	3	1	4	.....
Aug. 21	Cass City Grain Co	Bay City	Grain and beans	2	1	3	.....
April 18	Central Auto Co	Bay City	Auto repairing	7	1	8	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BAY CO.—*Con.*						
July 11	Central Coal Co.	Bay City	Coal and sewer pipes	7	.....	7	.....
July 1	Central Michigan Oakland Co.	Bay City	Garage	8	1	9	.....
May 28	Chatfield Milling & Grain Co.	Bay City	Grain and feed	19	1	20	.....
April 16	Chevrolet Motor Co.	Bay City	Motors	328	15	343	.....
May 16	City Fuel & Supply Co.	Bay City	Coal and mason supplies	12	.....	12	.....
June 30	Clapp Brothers	Bay City	Dry cleaning	6	5	11	.....
Sept. 17	Clark, M. V.	Bay City	Millinery	.....	2	2	.....
May 4	Cleary, Walter	Bay City	Blacksmithing	2	.....	2	.....
July 11	Clute Coal & Supply Co.	Bay City	Coal and supplies	23	2	25	.....
Oct. 31	Columbia Sugar Co.	Bay City	Sugar	422	14	436	.....
July 9	Consumers Power Co.	Bay City	Electricity	18	.....	18	.....
May 11	Corey, M. A. Co.	Bay City	Plumbing	5	1	6	.....
April 12	Cornwell Co., The	Bay City	Meats and produce	17	2	19	.....
June 30	Cosendai Dye Works	Bay City	Dry cleaning	2	1	3	.....
May 4	Cowan, W. A.	Bay City	Ice cream	3	1	4	.....
Dec. 4	Creamery Package Mfg. Co.	Bay City	Hoops	12	.....	12	.....
April 20	Croteau, Madame	Bay City	Millinery	.....	5	5	.....
June 30	Csapski, Bernard	Bay City	Merchant tailoring	1	1	2	.....
Aug. 31	Dardas, A. W.	Bay City	Cigars	3	1	4	.....
Aug. 31	Dardas, John S.	Bay City	Coal	2	1	3	.....
Aug. 30	David's Electric	Bay City	Shoe repairing	2	.....	2	.....
Aug. 22	Davidson, James	Bay City	Ship repairing	100	.....	100	.....
June 11	Defoe Boat & Motor Works	Bay City	Boats	18	2	20	.....
April 24	Della, J.	Bay City	Auto repairing	2	.....	2	.....
Aug. 29	Delpheon Co., The	Bay City	Musical instruments	19	3	22	5
July 12	Dens Garage Co.	Bay City	Auto repairing	3	.....	3	.....
July 3	Detroit, Bay City & Western R. R. Co.	Bay City	Passenger service	144	2	146	.....
Sept. 21	Detroit & Mackinac Railway Co.	Bay City	Freight service	20	.....	20	.....
July 16	Dilas, George S. & Co.	Bay City	Ice cream	14	18	32	.....
Sept. 20	Drake, Geo.	Bay City	Shoe repairing	1	.....	1	.....
May 17	Dupont, E. I. DeNemours Co.	Bay City	Wood products	88	2	100	.....
June 11	Economy Coal Co.	Bay City	Coal and cement	6	.....	6	.....
April 26	Edgar, H. A. Estate	Bay City	Produce	3	1	4	.....
Aug. 29	Elbinger, S.	Bay City	Shoe repairing	1	.....	1	.....
April 26	Ellsworth & Son	Bay City	Produce	2	.....	2	.....
April 24	Enterprise Machine Shop	Bay City	General repairing	9	.....	9	.....
Aug. 31	Esseltine, D.	Bay City	Painting	1	.....	1	.....
July 18	Farmers' Auto & Machinery Co.	Bay City	General merchandise	12	2	14	.....
June 26	F. K. Cigar Co., The	Bay City	Cigars	3	1	4	.....
Aug. 31	Fish, W. D.	Bay City	Painting	8	2	10	.....
July 18	Fisk, William E.	Bay City	Cigars	1	.....	1	.....
April 4	Fleming Ice Cream Co.	Bay City	Ice cream	5	1	6	.....
April 11	Foss, Estate of Edgar B.	Bay City	Lumber and boxes	152	1	153	2
June 11	Fox, W. D. & Son	Bay City	Lumber	5	.....	5	.....
Nov. 19	Franck Chicory Co.	Bay City	Chicory products	29	.....	29	.....
Oct. 1	Frank Photo Studio	Bay City	Photography	1	1	2	.....
June 4	Freel, James	Bay City	Sheet iron	1	1	2	.....
May 3	Fulton Mfg. Co.	Bay City	Baby carriages	114	63	177	.....
May 25	Furman, L.	Bay City	Pumps	3	.....	3	.....
June 18	Gage, Robert Coal Co.	Bay City	Coal	5	3	8	.....
Sept. 4	Gardner, Wm.	Bay City	Coal and wood	5	1	6	.....
Aug. 27	Ginsberg & Lasarus	Bay City	Hides	2	.....	2	.....
Oct. 1	Glave, William L.	Bay City	Cigars	1	.....	1	.....
June 11	Goddeyne, L. D.	Bay City	Electric plating	2	.....	2	.....
May 29	Goodden, Charles J.	Bay City	Auto repairing	2	.....	2	.....
May 29	Grabowsky, E. & Co.	Bay City	Hides	4	1	5	.....
June 30	Grand Trunk Railway System	Bay City	Passenger service	1	.....	1	.....
June 30	Grand Trunk Railway System	Bay City	Freight service	11	2	13	.....
Dec. 11	Gray, James	Bay City	Printing	3	.....	3	1
April 23	Graves Cycle & Auto Supply Co.	Bay City	Auto & bicycle repairing	5	1	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BAY CO.—*Con.*						
April 6	Great Lakes Brass Foundry, The	Bay City	Brass, etc	3	.....	3	.....
May 31	Greenwald Auto Co	Bay City	Automobiles	5	1	6	.....
May 31	Greenwald's Laundry	Bay City	Laundry	8	36	44	.....
May 17	Gregory, C. & J	Bay City	Printing and binding	23	7	30	.....
April 17	Gregory Farm Seed Co	Bay City	Seeds	2	10	12	.....
June 7	Gregory, W. Monument Co	Bay City	Monuments	8	.....	8	.....
July 16	Grinnell Bros	Bay City	Pianos & musical supplies	10	5	15	.....
April 30	Grove, W. J	Bay City	Sheet iron	3	.....	3	.....
Aug. 27	Guntermann, C. A. & Son	Bay City	Meats	6	.....	6	.....
May 7	Hagaman & Storrs Co., The	Bay City	Machinery	5	.....	5	.....
May 1	Hahn, B. R. Cigar Mfg. Co	Bay City	Cigars	21	8	29	.....
May 18	Haller, F. C	Bay City	Blacksmithing	1	.....	1	.....
Dec. 4	Hawley, C. R	Bay City	Millinery	.....	3	3	.....
June 19	Hamme, Fred	Bay City	Baked goods	5	2	7	.....
May 9	Hammond, Standish & Co	Bay City	Meats	11	1	12	.....
May 29	Handy Bros., Coal Retail Dept	Bay City	Coal	13	1	14	.....
May 21	Handy Bros. Box Factory	Bay City	Box shooks	65	2	67	.....
May 8	Hanson-Ward Veneer Co	Bay City	Veneer and flooring	152	14	166	5
Dec. 6	Harman Studio	Bay City	Photography	1	.....	1	.....
June 1	Harris Coal Co	Bay City	Coal and scrap iron	20	.....	20	.....
May 1	Hartig Brothers	Bay City	Printing	4	.....	4	1
Aug. 21	Heil & Foerster	Bay City	Meats	4	.....	4	.....
May 24	Helper Bros	Bay City	Scrap iron	18	1	19	.....
Dec. 7	Hess, R. M	Bay City	Dressmaking	.....	7	7	.....
July 9	Hine, G	Bay City	Meats	4	1	5	1
May 14	Hine Lumber Co	Bay City	Lumber and salt	35	1	36	.....
May 25	Hirschfeld, H. & Son	Bay City	Scrap iron	9	.....	9	.....
June 12	Hitchcock, Mrs. H	Bay City	Millinery	.....	2	2	.....
June 12	Hitchcock, Henry	Bay City	Board rules	1	.....	1	.....
May 25	Hodgins, Geo	Bay City	Blacksmithing	1	.....	1	.....
Sept. 11	Hoffman, Miss M	Bay City	Cleaning and pressing	1	1	2	.....
May 11	Hohes, George H	Bay City	Sheet iron	3	1	4	.....
July 16	Holahan's Hat Shop	Bay City	Millinery	.....	6	6	.....
Dec. 5	Holland Furnace Co	Bay City	Furnaces	11	.....	11	.....
June 8	Home Laundry	Bay City	Laundry	1	3	4	.....
Sept. 20	Host Shoe Repairing Co., The	Bay City	Shoe repairing	5	.....	5	1
April 30	Hubbell Auto Sales Co	Bay City	Auto accessories	19	1	20	.....
Aug. 31	Hurley Bros	Bay City	Printing	5	4	9	1
Oct. 2	Hutton Brothers	Bay City	Hides	4	1	5	.....
April 30	Ideal Plumbing Co., The	Bay City	Plumbing	29	.....	29	.....
May 31	Industrial Works	Bay City	Cranes, etc	1,189	17	1,206	5
May 19	International Mill & Timber Co	Bay City	Ready cut houses	116	42	158	.....
June 7	Irvine's Green Houses	Bay City	Flowers	2	1	3	.....
May 7	Island Lumber Co	Bay City	Lumber	30	.....	30	.....
Aug. 31	Jablonski, Frank	Bay City	Cigars	1	.....	1	.....
June 7	Jackson, E	Bay City	Dry goods	2	2	4	.....
May 10	Jennison Hardware Co., The	Bay City	Hardware	20	4	24	.....
April 4	Jeraw Electric Co	Bay City	Electric supplies	6	1	7	.....
April 23	Johnson, Mrs. F. O	Bay City	Millinery	.....	2	2	.....
May 16	Kantsler, John & Sons	Bay City	Lumber	5	2	7	.....
June 20	Karpus, Geo. W	Bay City	Millinery	1	3	4	.....
Aug. 20	Kaunits Boat Works, The	Bay City	Boat building	3	.....	3	.....
May 18	Kaunts, George	Bay City	Clothing	1	2	3	.....
Sept. 4	Kavanaugh, W. P	Bay City	Fish	19	2	21	.....
Aug. 21	Keit, Martin	Bay City	Flowers	4	2	6	2
May 18	Kelley Sign Co	Bay City	Sign painting	2	.....	2	.....
May 17	Kelton-Aurand Mfg. Co	Bay City	Furniture	30	41	71	.....
May 1	King Electric Co	Bay City	Electrical appliances	5	.....	5	.....
July 20	Kirchman Bros	Bay City	Woodenware	7	1	8	.....
May 9	Kneeland-Bigelow Co., The	Bay City	Lumber	81	2	83	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BAY CO.—*Con.*						
June 18	Kneeland, Lunden & Bigelow Co	Bay City	Lumber	107	1	108	2
April 24	Koch-O'Brien	Bay City	Painting and decorating	17	1	18	.....
May 21	Kolb Brewing Co	Bay City	Brewing	19	.....	19	.....
Aug. 27	Kometh, Robert	Bay City	Baked goods	1	.....	1	.....
June 26	Kosciusko Baking Co	Bay City	Baked goods	2	1	3	.....
May 8	Kopec, I. W	Bay City	Bicycles	4	.....	4	.....
May 3	Kuhlman Electric Co	Bay City	Electrical apparatus	56	8	64	.....
Nov. 27	Kuhlow, F. C. & Son	Bay City	Meats	2	.....	2	.....
May 16	Laderach, C. R	Bay City	Sheet metal	2	.....	2	.....
June 4	Laderach, Oscar H	Bay City	Sheet metal	2	.....	2	.....
April 26	Ladoneur, E	Bay City	Harness	1	.....	1	.....
Dec. 3	Lafay, Elizabeth	Bay City	Millinery	.....	2	2	.....
Aug. 30	LaFrance, G. & H	Bay City	Passenger service	2	.....	2	.....
April 18	Lambert, John P. Co	Bay City	Printing	8	1	9	.....
Sept. 1	Laporte & Schafer	Bay City	Sheet metal	3	.....	3	.....
July 18	Lardner Plumbing & Heating Co	Bay City	Plumbing	2	1	3	.....
May 2	Leighton, Jos	Bay City	Fruits and vegetables	4	.....	4	.....
May 10	Lewis Manufacturing Co	Bay City	Lumber, ready-cut houses	123	15	138	2
May 11	Long, Walter J	Bay City	Cigars	2	1	3	.....
June 4	Lounsberry, John	Bay City	Blacksmithing	2	.....	2	.....
Aug. 29	Luts, Fred	Bay City	Painting and decorating	23	1	24	.....
Aug. 3	Lutske, Frank E	Bay City	Printing	1	1	2	.....
July 11	McDonald Bean Co	Bay City	Beans	7	72	79	5
June 20	MacKinnon Boiler & Machine Co	Bay City	Machinery	64	1	65	2
Aug. 23	McCarthy, P. L	Bay City	Plumbing	2	.....	2	.....
May 29	McDonald, J. A	Bay City	Blacksmithing	4	.....	4	.....
Aug. 29	McGinty, J. J	Bay City	Milk	3	.....	3	.....
Nov. 27	McIntosh, George D	Bay City	Plumbing	2	.....	2	.....
May 29	McKerlie, D. K	Bay City	Garage	2	1	3	.....
Aug. 28	McRae, Reid & Co	Bay City	Wholesale groceries	9	2	11	.....
June 7	Mangold, C. & Co	Bay City	Cigars	4	2	6	.....
Sept. 20	Manning, Miss Agnes	Bay City	Millinery	.....	1	1	.....
May 29	Marande, J	Bay City	Blacksmithing	3	.....	3	.....
Aug. 31	Marion, A. G	Bay City	Carpet cleaning	2	.....	2	.....
Aug. 21	Marsh Floral Co	Bay City	Flowers	4	.....	4	1
April 30	Martin's Automobile Garage	Bay City	Auto repairing	4	.....	4	.....
June 4	Mason, George E	Bay City	Shoe repairing	2	.....	2	.....
May 25	Matthew Lamont's Sons Co	Bay City	Sash doors	32	2	34	.....
June 20	Maus, L. A	Bay City	Baked goods	2	1	3	.....
May 8	Maynard, E. H	Bay City	Blacksmithing	1	.....	1	.....
May 29	Meagher Bros. Co	Bay City	Ice and fuel	12	1	13	.....
May 9	Meisel, Herman & Sons	Bay City	Wholesale groceries	8	1	9	.....
May 18	Meisel, Wm. F	Bay City	Wholesale confectionery	2	1	3	.....
June 12	Meister, R. & Son	Bay City	Machinery	4	1	5	.....
June 4	Merkle, Christ	Bay City	Shoe repairing	2	.....	2	.....
Sept. 14	Michigan Central R. R. Co	Bay City	Building department	40	.....	40	.....
Sept. 8	Michigan Central R. R. Co	Bay City	Common carrier	28	5	33	.....
Sept. 8	Michigan Central R. R. Co	Bay City	Common carrier	238	5	243	.....
Sept. 8	Michigan Central R. R. Co	Bay City	Common carrier	101	1	102	.....
Sept. 28	Michigan Central R. R. Co	Bay City	Freight	100	1	101	.....
Sept. 28	Michigan Central R. R. Co	Bay City	Passenger service	178	.....	178	.....
Sept. 28	Michigan Central R. R. Co	Bay City	Passenger service	102	.....	102	3
Sept. 28	Michigan Central R. R. Co	Bay City	Railroading	6	.....	6	.....
April 15	Michigan Central R. R. Co	Bay City	Repairing cars	164	.....	164	.....
June 11	Michigan Dredge Co., Inc	Bay City	Dredges	12	.....	12	.....
July 5	Michigan Light Co	Bay City	Gas	62	10	72	1
April 16	Michigan Pipe Co., The	Bay City	Wood pipes	54	2	56	.....
April 23	Michigan State Telephone Co	Bay City	Telephone service	23	70	93	.....
July 20	Miller Auto Co	Bay City	Auto repairing	5	1	6	1
Sept. 20	Miller, Truman	Bay City	Meats	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BAY CO.—*Con.*						
Aug. 29	Miller & Koffman	Bay City	Hides and furs	2	.....	2	.....
Aug. 28	Miller's Modern Shoe Shop	Bay City	Shoe repairing	2	.....	2	.....
July 12	Model Bakery	Bay City	Baked goods	2	.....	2	.....
Aug. 23	Mohr Hardware & Furniture Co	Bay City	Hardware & automobiles	6	.....	6	1
Aug. 31	Moskowits, Louis	Bay City	Custom tailoring	2	2	4	.....
July 16	Mueller, Adolph F	Bay City	Custom tailoring	8	7	15	.....
July 1	Mulholland & Meiselbach	Bay City	Plumbing	6	.....	6	.....
Nov. 19	Muller, E. B. & Co	Bay City	Chicory products	24	1	25	.....
May 25	Nagle, Michael J	Bay City	Blacksmithing	1	.....	1	.....
April 17	National Grocer Co	Bay City	Wholesale groceries	24	5	29	.....
Aug. 30	Natsis Brothers	Bay City	Candy	2	2	4	.....
May 28	Neue Mich. Freie Presse	Bay City	Printing	1	.....	1	.....
June 4	Neumann Wet Wash	Bay City	Washing	3	3	6	.....
Nov. 27	New York Bakery	Bay City	Baked goods	3	2	5	1
Aug. 28	New York Tailor	Bay City	Custom tailoring	1	.....	1	.....
April 9	Nickless, W. H	Bay City	Box factory	50	1	51	3
May 9	Nieman, William L	Bay City	Cigars	1	.....	1	.....
May 17	Nitschky-Grant Electric Co	Bay City	Electrical contracting	3	.....	3	.....
May 7	North American Chemical Co., The	Bay City	Chemicals	161	.....	161	.....
Sept. 11	Northeastern Butter Co., The	Bay City	Butter	1	.....	1	.....
May 18	Obey, I. & Son	Bay City	Wholesale liquors	5	1	6	.....
Oct. 1	Ouellette, W. J	Bay City	Boats	1	.....	1	.....
Sept. 4	Paragon Refining Co., The	Bay City	Oils and greases	5	1	6	.....
July 18	Parker's Taxi Co	Bay City	Passenger service	2	.....	2	.....
June 4	Parrent, William J	Bay City	Cigars	1	1	2	.....
Sept. 26	Pere Marquette R. R. Co	Bay City	Freight	34	3	37	2
May 2	Perkins, A. B. Co., The	Bay City	Wholesale fruits	13	2	15	.....
May 7	Perkins Bros., Inc	Bay City	Peanut products	5	5	10	.....
April 10	Pfluger, J. P	Bay City	Blacksmithing	1	.....	1	.....
May 21	Phoenix Brewing Co	Bay City	Brewing	23	.....	23	.....
May 9	Piggott Bros., Inc	Bay City	Furniture and stoves	6	3	9	.....
Dec. 6	Pioneer Boat & Pattern Co	Bay City	Boats	2	.....	2	.....
May 2	Piowaty, M. & Sons	Bay City	Fruits	5	1	6	.....
July 16	Postal Telegraph	Bay City	Telegraph	4	1	5	.....
May 1	Presley & Layer	Bay City	Implements	4	.....	4	.....
Sept. 20	Randall, Mrs. Harry	Bay City	Millinery	.....	2	2	.....
Aug. 23	Reinhardt, H. C. & Sons	Bay City	Blacksmithing	4	.....	4	.....
May 9	Ross & Wentworth	Bay City	Lumber	103	1	104	.....
July 1	Ricard, Madam	Bay City	Millinery	.....	1	1	.....
June 15	Richardson Lumber Co	Bay City	Lumber	63	1	64	.....
June 7	Rins, John	Bay City	Meats	3	.....	3	.....
June 4	Ripley, Albert E. Printing Co	Bay City	Printing	3	2	5	.....
April 13	Riverside Truck & Storage Co., The	Bay City	Truck and storage	7	1	8	.....
May 29	Rivet, C	Bay City	Blacksmithing	2	.....	2	.....
July 18	Robacheck, A	Bay City	Woodenware	6	1	7	.....
June 15	Roeller Foundry Co	Bay City	Castings	82	.....	82	3
May 28	Rosenbury, C. E. & Sons	Bay City	Furniture	10	8	18	.....
April 9	Russell, L. R	Bay City	Mattresses	5	2	7	.....
May 4	St. Laurent Bros	Bay City	Peanut butter	6	4	10	.....
July 9	Saginaw-Bay City Railway Co	Bay City	Electric power	205	1	206	.....
April 14	Salsburg Garage, The	Bay City	Garage	2	.....	2	.....
Aug. 27	Saunders, John	Bay City	Shoe repairing	1	.....	1	.....
May 29	Schepper & Covert	Bay City	Copper and sheet iron	19	1	20	1
June 19	Schindehette, Martin	Bay City	Beer	8	.....	8	.....
Dec. 11	Schneideman, S	Bay City	Ladies' tailoring	2	5	7	.....
Dec. 11	Schneideman, S	Bay City	Millinery	1	2	3	.....
May 16	Schneider, J. A	Bay City	Cigars	1	1	2	.....
July 12	Schrader, John	Bay City	Meats	3	.....	3	.....
Sept. 14	Schults, C. C	Bay City	Meats	2	.....	2	.....
June 7	Schults, Julius	Bay City	Flowers	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BAY CO.—*Con.*						
Aug. 21	Schutt, John	Bay City	Banana crates	2	.....	2	.....
Aug. 30	Searing, Mrs	Bay City	Millinery	.....	2	2	.....
Sept. 6	See, Allan C	Bay City	Upholstering	3	.....	3	.....
May 7	See, John A	Bay City	Furniture	4	.....	4	.....
June 4	Seidel Creamery Co	Bay City	Cream	11	2	13	1
June 4	Shannon, John M	Bay City	Carriage repairing	1	.....	1	.....
June 4	Sheets, L. D	Bay City	Machine repairing	2	.....	2	.....
May 14	Shillaire, A. M. & Sons	Bay City	Beer	5	.....	5	.....
Dec. 12	Singer Sewing Machine Co	Bay City	Sewing machines	5	2	7	.....
June 1	Sitterding Bros	Bay City	Plumbing	2	.....	2	.....
June 4	Sleight, Wm	Bay City	Baked goods	3	1	4	.....
June 15	Smalley General Co	Bay City	Gas engines	45	2	47	.....
April 23	Smalley Paint & Glass Co	Bay City	Paint and glass	2	.....	2	.....
July 1	Smeer Shoe Repairing Co	Bay City	Shoe repairing	5	.....	5	1
May 29	Smith, Charles	Bay City	Cigars	1	1	2	.....
July 1	Smith, Ferd H	Bay City	Harness	3	.....	3	.....
May 9	South End Ice & Coal Co	Bay City	Coal and ice	4	1	5	.....
April 10	Sparr, H. F	Bay City	Bicycle repairing	3	.....	3	.....
Sept. 11	Spinner, J. W	Bay City	Fertilizers	7	.....	7	.....
May 17	Standard Hoop Co., Ltd	Bay City	Lumber and hoops	85	1	86	10
June 4	Standard Oil Co	Bay City	Oils	16	.....	16	.....
Oct. 2	Standard Repair Shop	Bay City	Auto repairing	3	1	4	.....
Sept. 16	Standard Woolen Co	Bay City	Custom clothing	2	.....	2	.....
Aug. 29	Star Laundry	Bay City	Laundry	2	5	7	.....
May 29	Stegmann, Theodore	Bay City	Hides	7	1	8	.....
May 29	Sterling, W. C. & Son Co	Bay City	Cedar posts	1	.....	1	.....
May 16	Stevens Creamery Co	Bay City	Milk and ice cream	6	1	7	.....
June 11	Stitcher, Charles E	Bay City	Blacksmithing	1	.....	1	.....
May 9	Styinger, J. A	Bay City	Coppersmith	3	.....	3	.....
July 20	Sutherland, Andrew	Bay City	Baked goods	2	3	5	.....
Aug. 29	Sweet, Gertrude	Bay City	Millinery	.....	1	1	.....
June 1	Swiss Garment Cleaning Co	Bay City	Garment cleaning	1	1	2	.....
Aug. 30	Talberg, H	Bay City	Custom clothing	1	1	2	.....
Aug. 23	Tanner & Daily	Bay City	Wholesale groceries	25	5	30	.....
April 10	Taylor, I. J	Bay City	Merchant tailoring	3	1	4	.....
June 10	Taylor, Wm. & Son	Bay City	Cigars	2	2	4	.....
May 11	Teall, Walt N	Bay City	Tailoring	3	2	5	.....
June 4	Telfer, A	Bay City	Harness	1	.....	1	.....
Aug. 23	Thormahlen Bros	Bay City	Fish	3	.....	3	.....
Sept. 11	Thorne Electric Co., The	Bay City	Electric supplies	18	.....	18	2
June 7	Timm, Fred R	Bay City	Cigars	2	1	3	.....
April 24	Tinlin & Crawford	Bay City	Bicycle repairing	2	.....	2	.....
May 14	Toeppner Brothers	Bay City	Carriages and trunks	6	.....	6	.....
April 26	Tom, Lee	Bay City	Laundry	2	.....	2	.....
Sept. 26	Tomlinson, W. H. & Co	Bay City	Wholesale leather	2	1	3	.....
June 30	Tommy's Messenger Service	Bay City	Messenger service	6	.....	6	2
July 9	Tossell, J. P	Bay City	Sheet iron	3	.....	3	.....
May 24	Tri-Pure Water Co	Bay City	Water	2	1	3	.....
Dec. 6	Union Motor Truck Co	Bay City	Motor trucks	27	1	28	2
May 29	U. S. Bridge & Pipe Co	Bay City	Bridges and culverts	5	.....	5	.....
June 4	Utermalen, L. E	Bay City	Furniture	1	1	2	.....
May 24	Valley Ice & Fuel Co	Bay City	Ice	28	2	30	1
Nov. 5	Valley Home Telephone Co	Bay City	Telephone service	13	30	43	.....
July 9	Valley Pattern Works	Bay City	Patterns	1	.....	1	.....
Sept. 11	Valley Stone & Furnace Co	Bay City	Furnaces	2	1	3	.....
May 7	Valley Vulcanizing Works	Bay City	Vulcanizing	4	1	5	.....
April 10	Vance Box Co	Bay City	Boxes and lumber	104	2	106	20
June 12	Van Haaren, P. & Sons	Bay City	Trucking and storage	18	.....	18	.....
May 16	Van Popplen & Munley	Bay City	Coal and mason supplies	18	1	19	.....
May 25	Vassar Knitting Mills	Bay City	Knitted goods	7	28	35	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BAY CO.—*Con.*						
June 11	Vogtmann, John A	Bay City	Milling	9	.....	9	.....
July 1	Walther, A. & Sons	Bay City	Plumbing	5	.....	5	.....
May 10	Walther's Department Store	Bay City	Millinery	1	8	9	.....
July 1	Wanless, H. & Son	Bay City	Harness and leather	2	.....	2	.....
April 30	Warfield & Babcock	Bay City	Livery	5	.....	5	.....
May 28	Washington Garage Co	Bay City	Auto repairing	3	1	4	.....
July 1	Water Works Department	Bay City	Water	50	2	52	.....
May 7	Watson & Richardson	Bay City	Lumber	14	.....	14	.....
Sept. 20	Weatherwax, L. J	Bay City	Millinery	1	2	3	.....
Dec. 17	Weber, Henry C. Construction Co	Bay City	Contracting	107	1	108	.....
April 24	Weiler Auto Co	Bay City	Auto repairing	7	1	8	.....
July 10	Wenona Garage	Bay City	Auto repairing	3	.....	3	.....
Dec. 4	Wendland, H. G	Bay City	Millinery	.....	11	11	.....
Aug. 22	West Bay City Cooperage Co	Bay City	Cooperage	2	.....	2	.....
Nov. 12	West Bay City Sugar Co	Bay City	Sugar	255	3	258	.....
Oct. 1	Western Union Telegraph Co	Bay City	Telegraph service	11	8	19	8
April 3	Westover-Kamm Co	Bay City	Lumber	75	1	76	3
July 26	West Side Electric Co	Bay City	Electric supplies	5	.....	5	.....
Sept. 21	Wells, Whitney	Bay City	Contracting	7	.....	7	.....
May 7	White Sewing Machine Co	Bay City	Sewing machines	4	1	5	.....
April 4	Whitney, W. E. & Son	Bay City	Sheet iron	4	.....	4	.....
May 29	Wegner, H. O	Bay City	Cigars	1	1	2	.....
April 6	Wilhelm, Julius	Bay City	Cigars	4	.....	4	.....
Sept. 14	Wilkin, S. V	Bay City	Custom clothing	11	6	17	.....
Dec. 22	Wilson, C. R. Body Co	Bay City	Auto bodies	92	1	93	.....
May 16	Williams, A. S. & Co	Bay City	Coal and wood	8	.....	8	.....
June 7	Williston, G. A. & Son	Bay City	Soft drinks	3	.....	3	.....
June 4	Wirth, L. F. & Co	Bay City	Meats	4	.....	4	.....
June 26	Wisniewski, Henry J	Bay City	Plumbing	4	.....	4	.....
May 28	Witsleben, G. O	Bay City	Bookbinding	2	1	3	.....
Sept. 28	World's Star Knitting Co	Bay City	Hosiery and underwear	45	395	440	6
May 31	Wright, G. A	Bay City	Monuments	1	.....	1	.....
June 11	Wurdock, F. S. & Sons	Bay City	Painting and decorating	7	1	8	.....
Aug. 22	Young Cattle & Packing Co., The	Bay City	Meats	17	1	18	.....
April 17	Young, Edward, Garage	Bay City	Auto repairing	2	.....	2	.....
Sept. 17	Young, John	Bay City	Plumbing	1	.....	1	.....
June 4	Zagelmeyer Stone Block Machine Co	Bay City	Block molds	9	.....	9	.....
June 26	Zarembe, Mary	Bay City	Millinery	.....	1	1	.....
Oct. 9	Bentley Elevator Co	Bentley	Grain and beans	2	.....	2	.....
Sept. 4	Cotter, John R	Essexville	Boats	4	.....	4	.....
Sept. 4	Dean, Frank	Essexville	Blacksmithing	1	.....	1	.....
Nov. 10	Michigan Chemical Co	Essexville	Alcohol	43	1	44	.....
Nov. 10	Michigan Sugar Co	Essexville	Sugar	371	4	375	3
Sept. 10	Kolb, John	Frankenlust	General repairing	1	.....	1	.....
Sept. 10	Michigan Brick Co., The	Frankenlust	Bricks	56	.....	56	.....
Nov. 19	Franck Chicory Co	Kawkawlin	Chicory products	23	.....	23	.....
Sept. 12	Libby, McNeill & Libby	Linwood	Pickles	2	.....	2	.....
Sept. 12	Linwood Telephone Exchange	Linwood	Telephone service	1	4	5	.....
Sept. 12	Pinconning Elevator Co	Linwood	Grain	2	.....	2	.....
Sept. 12	Sherman, C. H	Linwood	Blacksmithing	1	.....	1	.....
Sept. 10	Domdey & Enser	Munger	Implements	2	.....	2	.....
Sept. 10	Howell, Geo. L	Munger	Feed and grain	1	.....	1	.....
Sept. 10	Munger & Reese Telephone Co	Munger	Telephone service	1	4	5	.....
Sept. 10	Schnettler Bros	Munger	Auto repairing	2	.....	2	.....
Sept. 10	Schnettler, Otto	Munger	Hardware	2	.....	2	1
Aug. 17	Chicory State Land & Lumber Co	Pinconning	Lumber	2	.....	2	.....
Aug. 17	Decaire, Levi	Pinconning	Auto repairing	2	1	3	.....
Nov. 10	Franck Chicory Co	Pinconning	Chicory products	30	.....	30	.....
Aug. 17	Northern Elevator Co	Pinconning	Grain and beans	2	8	10	.....
Aug. 17	Pinconning Elevator Co., The	Pinconning	Grain and beans	4	13	17	.....
Aug. 17	Pinconning Light & Power Co., The	Pinconning	Electricity	4	.....	4	.....
Aug. 17	Urban Brothers	Pinconning	Butter	2	.....	2	.....
Aug. 17	Walkling, Thomas W	Pinconning	Lumber	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BENZIE COUNTY.						
Dec. 10	Clark, O. W.	Bendon	Lumber and shingles	4	.....	4	.....
Dec. 7	Benzie Consolidated Telephone Co.	Benzonia	Telephone service	5	4	9	.....
Dec. 7	Benzonia Garage	Benzonia	Auto repairing	3	.....	3	.....
Dec. 7	Case Brothers Lumber Co	Benzonia	Building materials	2	.....	2	.....
Dec. 7	Judson, E. B	Benzonia	Produce	2	.....	2	.....
Dec. 7	Strang, C. J. & Son	Beulah	Printing	2	1	3	.....
Dec. 7	Green, V. R.	Beulah	Auto livery	2	.....	2	.....
Dec. 7	Rockwell & Voorheis	Beulah	Meats	2	.....	2	.....
Dec. 1	Desmond Charcoal & Chemical Co.	Carter Siding	Charcoal chemicals	99	.....	99	1
Dec. 6	Ann Arbor R. R. Co., The	Elberta	Freight	8	.....	8	.....
Dec. 6	Ann Arbor R. R. Co., The	Elberta	Car repairing	28	.....	28	.....
Oct. 1	Armour & Co	Frankfort	Canned goods	18	51	69	.....
Oct. 2	Bagley, Fred N	Frankfort	Lumber	13	.....	13	.....
Dec. 6	Benzie Consolidated Telephone Co.	Frankfort	Telephone service	.....	3	3	.....
Oct. 2	Benzie County Patriot	Frankfort	Printing	2	.....	2	.....
Dec. 6	Benzie County Power Co	Frankfort	Electricity	6	1	7	.....
Oct. 2	Cooper, R. F.	Frankfort	Fish	9	.....	9	.....
Oct. 1	Courville, Julius	Frankfort	Lumber	3	.....	3	.....
Dec. 6	Culver & Mieler	Frankfort	Blacksmithing	2	.....	2	.....
Oct. 1	Frederick-Sayles Co	Frankfort	Meats	3	.....	3	.....
Oct. 1	Geddes, Wm. D.	Frankfort	Livery	3	.....	3	.....
Oct. 2	Hanrath, John M	Frankfort	Fish	4	.....	4	.....
Oct. 2	Hawkins, S. J. & Co	Frankfort	Fish	6	.....	6	.....
Oct. 2	Jacobson, A. & Son	Frankfort	Fish	2	.....	2	.....
Oct. 1	Olsen Brothers' Garage	Frankfort	Auto livery	2	.....	2	.....
Oct. 2	Rodal, Louis	Frankfort	Fish	3	.....	3	.....
Dec. 6	Trowbridge, J. B	Frankfort	Flour and feed	3	1	4	.....
Dec. 6	Trowbridge Millinery	Frankfort	Millinery	.....	2	2	.....
Dec. 1	Benzie County Leader, The	Honor	Printed matter	1	1	2	.....
Dec. 1	Jaques, Harry	Honor	Pickles	1	.....	1	.....
Dec. 1	Honor Produce Co	Honor	Hay and grain	2	.....	2	.....
Dec. 8	City Light & Water Plant	Thompsonville	Light and water	3	.....	3	.....
Sept. 29	Dixon, E. M. & Co	Thompsonville	Wooden dishes	24	17	41	1
Sept. 29	Herren Bros	Thompsonville	Meats	2	.....	2	.....
Sept. 29	Johnson, James H	Thompsonville	Pickles	2	.....	2	.....
Sept. 29	Piqua Handle & Mfg. Co., The	Thompsonville	Tool handles, etc	67	1	68	3
Dec. 8	Thompsonville Elevator Co	Thompsonville	Hay, grain and beans	3	5	8	.....
Dec. 8	Thompsonville News, The	Thompsonville	Printed matter	2	.....	2	.....
Sept. 29	Willis, Samuel Garage	Thompsonville	Livery and garage	3	.....	3	.....
	BERRIEN COUNTY.						
Dec. 6	Baroda Garage	Baroda	Auto repairing	2	.....	2	.....
Dec. 6	Nold, H. K., Baroda City Mills	Baroda	Flour and feed	2	.....	2	.....
Dec. 6	Smith, Chas	Baroda	Blacksmithing	2	.....	2	.....
Nov. 23	American Laundry Co	Benton Harbor	Laundry	7	23	30	.....
Nov. 27	Anderson Tully Co	Benton Harbor	Fruit packages	5	4	9	.....
Nov. 27	Baker-Vawter Co	Benton Harbor	Office equipment	350	163	513	21
Nov. 27	Banner-Register	Benton Harbor	Printing	2	1	3	.....
Dec. 4	Barentsen, Wm	Benton Harbor	Candy	6	9	15	.....
Nov. 23	Barlow Bros. Creamery	Benton Harbor	Ice cream	4	1	5	.....
Dec. 5	Barry & Brennan Bros	Benton Harbor	Coal	5	1	6	.....
Dec. 3	Baushke Bros	Benton Harbor	General repairing	4	.....	4	.....
Dec. 5	Baushke, R. J	Benton Harbor	Harness	3	.....	3	.....
Nov. 27	Beattie-Bernard Press	Benton Harbor	Printing	5	.....	5	.....
Dec. 4	Benton Coal Co	Benton Harbor	Coal and wood	9	1	10	.....
Nov. 23	Benton Fruit Products Co	Benton Harbor	Vinegar and pickles	45	5	50	.....
Nov. 24	Benton Harbor Auto Machine Co.	Benton Harbor	Custom machine work	68	2	70	3
Dec. 4	Benton Harbor Auto School	Benton Harbor	Storage and repairing	2	1	3	.....
Dec. 6	Benton Harbor City Water Works	Benton Harbor	Water	7	.....	7	.....
Nov. 24	Benton Harbor Malleable Casting Co.	Benton Harbor	Forgings	32	.....	32	.....
Nov. 24	Benton Harbor Malleable Foundry Co.	Benton Harbor	Castings	477	3	480	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BERRIEN CO.—*Con.*						
Dec. 5	Benton Harbor Ornamental Stamping Works	Benton Harbor	Sheet metal	3	.....	3	.....
Dec. 4	Benton Harbor Plating Co	Benton Harbor	Electric plating	3	.....	3	.....
Nov. 26	Benton Harbor Printing Co	Benton Harbor	Job printing	2	.....	2	.....
Dec. 4	Benton Harbor-St. Joseph Gas & Fuel Co	Benton Harbor	Gas and coke	35	4	39	.....
Dec. 7	Benton Harbor-St. Joe Railway & Light Co	Benton Harbor	Power and light	172	9	181	.....
Dec. 5	Benton Sheet Metal & Furnace Works	Benton Harbor	Sheet metal	2	.....	2	.....
Dec. 3	Boehm, H. P	Benton Harbor	Flour and feed	4	.....	4	.....
Dec. 6	Brown Ice & Coal Co	Benton Harbor	Coal and ice	19	1	20	.....
Dec. 4	Central Loose Leaf Co	Benton Harbor	Loose leaf supplies	12	10	22	.....
Dec. 5	Chicago Steam Dye House	Benton Harbor	Cleaning and dyeing	3	.....	3	.....
Dec. 8	C. C. C. & St. L. Ry. Co	Benton Harbor	Transportation	9	1	10	.....
Dec. 8	C. C. C. & St. L. Ry. Co	Benton Harbor	Repairing cars	10	.....	10	.....
Dec. 3	City Garage	Benton Harbor	Auto repairing	7	.....	7	.....
Dec. 5	Colby, M. W	Benton Harbor	Plumbing	2	1	3	.....
Dec. 4	Coleman Laundry Co	Benton Harbor	Laundry	5	3	8	.....
Nov. 23	Covel Manufacturing Co	Benton Harbor	Castings	196	1	197	.....
Nov. 24	Crary Machine Works	Benton Harbor	Castings	24	1	25	3
Dec. 5	Dachel, Carter Boat Co	Benton Harbor	Boats	17	.....	17	.....
Nov. 23	Daigneau Laundry Co	Benton Harbor	Laundry	11	24	35	.....
Nov. 5	Edgecumbe-Parks Co	Benton Harbor	Cement products	6	.....	6	.....
Nov. 26	Enterprise Dry Cleaners & Dyers	Benton Harbor	Dry cleaning	4	1	5	.....
Dec. 3	Godfrey Packing Co	Benton Harbor	Canned fruits	23	81	104	.....
Nov. 27	Hale Motor Co	Benton Harbor	Auto repairing	4	1	5	.....
Dec. 5	Hyatt, Byron S	Benton Harbor	Cigars	3	2	5	.....
Dec. 4	Israelite House of David	Benton Harbor	Machinery	9	.....	9	.....
Dec. 4	Israelite House of David	Benton Harbor	Souvenirs	3	.....	3	.....
Dec. 4	Israelite House of David	Benton Harbor	Printing	6	3	9	.....
Dec. 4	Israelite House of David	Benton Harbor	Lumber	6	.....	6	.....
Nov. 23	Laas, R. J. Printing Co	Benton Harbor	Job printing	3	1	4	.....
Dec. 4	La Kurba Cigar Co	Benton Harbor	Cigars	63	38	101	1
Nov. 27	Landfield & Steele	Benton Harbor	Cigars	36	5	41	.....
Nov. 26	Lutes-Sinclair Co	Benton Harbor	Laundry machinery	35	1	36	.....
Nov. 24	Mamer Brick Co., The	Benton Harbor	Brick	24	1	25	.....
Nov. 23	Mandel Manufacturing Co	Benton Harbor	Phonographs	89	3	92	.....
Dec. 3	Messner's Garage	Benton Harbor	Auto repairing	14	1	15	.....
Nov. 23	Meter, Louis	Benton Harbor	Machine repairing	3	.....	3	.....
Dec. 4	Michigan State Telephone Co	Benton Harbor	Telephone service	12	37	49	.....
Dec. 4	Moulds' Brass Foundry	Benton Harbor	Foundry	3	.....	3	.....
Nov. 27	News-Palladium	Benton Harbor	Printed matter	8	5	13	.....
Dec. 3	Noble, Frank	Benton Harbor	Plumbing	8	1	9	.....
Nov. 27	Nowlen, B. M. & Co	Benton Harbor	General repairing	9	1	10	.....
Dec. 3	Oakland-Hudson Sales Co	Benton Harbor	Service station	5	.....	5	.....
Dec. 4	Peninsular Lumber Co	Benton Harbor	Lumber	18	1	19	.....
Dec. 7	Pere Marquette R. R. Co	Benton Harbor	Transportation	26	2	28	.....
Dec. 8	Pere Marquette R. R. Co	Benton Harbor	Yard transportation	31	1	32	.....
Dec. 8	Pere Marquette R. R. Co	Benton Harbor	Repairing	25	.....	25	.....
Dec. 6	Peters, A. H	Benton Harbor	Printing	2	.....	2	.....
Dec. 6	Postal Telegraph Co	Benton Harbor	Telegraph service	1	1	2	.....
Nov. 27	Preston, W. A	Benton Harbor	Lumber	27	.....	27	.....
Dec. 5	Randall-Landfield Co	Benton Harbor	Cigars	42	11	53	2
Dec. 5	Robbins, W. P	Benton Harbor	Building materials	4	1	5	.....
Dec. 7	Rolfe, P. F	Benton Harbor	General repairing	1	.....	1	.....
Nov. 23	Rosback, F. P. Co	Benton Harbor	Printing machines	49	2	51	.....
Dec. 4	Rusch, W. H. & Son	Benton Harbor	Flour and feed	3	.....	3	.....
Dec. 4	Sanitary Mattress Factory	Benton Harbor	Mattresses	3	1	4	.....
Nov. 27	Saranac Machine Co	Benton Harbor	Machinery	63	2	65	6
Nov. 26	Smith, W. G. Printing Co	Benton Harbor	Printing	3	.....	3	.....
Dec. 3	Steven & Bullinger	Benton Harbor	Baked goods	5	1	6	.....
Nov. 26	Superior Steel Castings Co	Benton Harbor	Castings	195	3	198	.....
Dec. 3	Sweet & Piedt Auto Co	Benton Harbor	Auto repairing	6	1	7	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BERRIEN CO.—*Con.*						
Dec. 4	Swindell, C. H. & Co	Benton Harbor	Storage	3	.....	3	.....
Nov. 27	Thayer, Geo. B. & Co	Benton Harbor	Fruit packages	72	10	82	.....
Nov. 27	Twin City Creamery Co	Benton Harbor	Ice cream	9	.....	9	.....
Dec. 14	Twin City Steam Boiler Works	Benton Harbor	Boiler repairing	5	.....	5	.....
Nov. 27	Twin City Tent & Awning Co	Benton Harbor	Tents and awnings	4	25	29	.....
Dec. 5	Waters, J. H	Benton Harbor	Sheet metal	1	.....	1	.....
Dec. 5	Waters & Son	Benton Harbor	Plumbing	7	1	8	.....
Dec. 7	Western Union Telegraph Co	Benton Harbor	Telegraph service	6	1	7	2
Dec. 3	Wheaton, Fred	Benton Harbor	General repairing	2	.....	2	.....
Dec. 3	Willard Service Station	Benton Harbor	Storage batteries	3	.....	3	.....
Dec. 7	Berrien Center Elgin Creamery Co	Berrien Center	Butter	1	.....	1	.....
Dec. 13	Wager, V. F. & Co	Berrien Center	Grain and feed	1	.....	1	.....
Dec. 13	Berrien Springs Garage	Berrien Springs	Auto repairing	2	.....	2	.....
Dec. 13	Era Publishing Co., The	Berrien Springs	Printing	3	.....	3	.....
Dec. 13	Indiana & Michigan Electric Co	Berrien Springs	Light and power	10	1	11	.....
Dec. 13	Service Garage	Berrien Springs	Auto repairing	3	.....	3	.....
Dec. 13	Sparks, C. R. & Co	Berrien Springs	Lumber and feed	4	1	5	.....
Dec. 13	Wager, V. F. & Co	Berrien Springs	Feed	1	.....	1	.....
Nov. 21	Beck's Market	Buchanan	Meats	4	1	5	.....
Nov. 21	Beistle, J. P	Buchanan	Granite and marble	1	.....	1	.....
Nov. 20	Berrien County Record, The	Buchanan	Printing	3	2	5	.....
Nov. 20	Bishop Creamery Co	Buchanan	Butter	3	4	7	.....
Nov. 21	Booster Cigar Co	Buchanan	Cigars	2	1	3	.....
Nov. 20	Buchanan Cabinet Co	Buchanan	Cabinets	29	1	30	.....
Nov. 20	Buchanan Garage	Buchanan	Auto repairing	2	.....	2	.....
Nov. 21	Buchanan Pattern Works	Buchanan	Patterns	4	.....	4	.....
Nov. 21	Buchanan Water Works	Buchanan	Water	3	.....	3	.....
Nov. 20	Clark Equipment Co	Buchanan	Drills, wheels and axles	828	34	862	18
Nov. 21	Clevenger & Marble	Buchanan	Cabinets	2	.....	2	.....
Nov. 21	Day's Avenue Garage	Buchanan	Auto repairing	4	.....	4	.....
Nov. 21	Home Lumber & Coal Co	Buchanan	Lumber and coal	4	1	5	.....
Nov. 21	Hopkins, E. J	Buchanan	Lumber	6	.....	6	.....
Nov. 21	Indiana & Michigan Electric Co	Buchanan	Light and power	4	2	6	1
Nov. 21	Merson, D. P	Buchanan	Meats	4	1	5	.....
Nov. 20	Miles & Boyer	Buchanan	Blacksmithing	3	.....	3	.....
Nov. 21	Miller, W. J	Buchanan	Cement blocks	6	1	7	.....
Nov. 21	Model Steam Laundry	Buchanan	Laundry	1	3	4	.....
Nov. 21	Niagara Roller Mills	Buchanan	Flour and feed	5	.....	5	.....
Nov. 21	Niles Gas Light Co	Buchanan	Gas	2	1	3	.....
Nov. 21	Parkinson, Miss E	Buchanan	Millinery	.....	2	2	.....
Nov. 21	Pears-East Grain Co., The	Buchanan	Grain and feed	4	1	5	.....
Nov. 21	Remington, E. E	Buchanan	General repairing	5	.....	5	.....
Nov. 20	St. Joseph Valley Creamery Co	Buchanan	Butter	2	.....	2	.....
Nov. 21	Smith, S. J	Buchanan	Cigars	1	.....	1	.....
Nov. 20	Zinc Collar Pad Co	Buchanan	Collar pads	19	7	26	.....
Dec. 15	Benton Harbor-St. Joseph R. R. Co	Coloma	Light and power	2	.....	2	.....
Dec. 14	Coloma Courier, The	Coloma	Printing	3	1	4	.....
Dec. 14	Coloma Creamery Association, The	Coloma	Butter	2	.....	2	.....
Dec. 12	Coloma Garage	Coloma	Auto repairing	2	.....	2	.....
Dec. 14	Coloma Mills	Coloma	Flour and feed	1	.....	1	.....
Dec. 14	Friday Bros. Canning Co	Coloma	Canned goods	28	76	104	.....
Dec. 14	Friday, P. B	Coloma	Garage	2	.....	2	.....
Dec. 14	Rorick & Cornwell	Coloma	Feed	2	.....	2	.....
Dec. 14	Sawatski, G. & Son	Coloma	Repairing	3	.....	3	.....
Dec. 14	Shoup, Charles A	Coloma	Wood working	1	.....	1	.....
Dec. 14	Spielman Bros. Co	Coloma	Cider and pickles	9	4	13	.....
Dec. 7	Berrien County Journal, The	Eau Claire	Printing	3	2	5	.....
Dec. 7	Eau Claire Basket Co	Eau Claire	Baskets	20	7	27	.....
Dec. 7	Eau Claire Garage	Eau Claire	Auto repairing	2	.....	2	.....
Dec. 7	Sharpe, W. G. Lumber Co	Eau Claire	Lumber, coal and feed	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BERRIEN CO.—*Con.*						
Nov. 22	Galien Concrete Tile Co	Galien	Cement blocks	5	.....	5	.....
Nov. 22	Galien Roller Mill	Galien	Flour and feed	1	.....	1	.....
Nov. 22	Jacobson, John	Galien	Condensed milk	5	.....	5	.....
Nov. 22	Standard Garage, The	Galien	Auto repairing	3	.....	3	.....
Dec. 6	New Troy Mills	New Troy	Flour and feed	4	.....	4	.....
Nov. 14	Acme Belting Co	Niles	Belting	16	24	40	.....
Nov. 14	American Wire Fabrics Co	Niles	Wire fly screen	38	21	59	2
Nov. 5	Babbitt, W. L	Niles	Lumber	3	.....	3	.....
Nov. 19	Board of Public Works	Niles	Light and water	10	1	11	.....
Nov. 19	East's Laundry	Niles	Laundry	3	3	6	.....
Nov. 19	Eden, Geo. V	Niles	Cigars	3	2	5	.....
Nov. 19	Ford Motor Cars	Niles	Auto repairing	11	1	12	.....
Nov. 16	French Paper Co	Niles	Paper	221	42	263	4
Nov. 12	Garden City Fan Co	Niles	Fans	63	.....	63	.....
Nov. 19	Gerald & Miller	Niles	Meats	2	.....	2	.....
Nov. 19	Huff, C	Niles	Auto repairing	3	.....	3	.....
Nov. 19	Hunter Co., The	Niles	Ice cream	9	1	10	.....
Nov. 15	Kawneer Mfg. Co	Niles	Metal work	272	14	286	2
Nov. 6	Koehler's Bakery	Niles	Baked goods	3	2	5	.....
Nov. 15	Kompass & Stoll Co., The	Niles	Cabinets	35	1	36	1
Nov. 19	Mannix, J. E	Niles	Cigars	2	.....	2	.....
Nov. 15	Michigan Wire Goods Co	Niles	Hardware specialties	16	14	30	1
Nov. 5	National Leather Mfg. Co	Niles	Leather specialties	7	2	9	2
Nov. 17	National Printing & Eng. Co	Niles	Lithographing	115	19	134	6
Nov. 14	National Standard Co	Niles	Auto jacks	66	14	80	4
Nov. 15	Niles Creamery Co., The	Niles	Butter	4	.....	4	.....
Nov. 16	Niles Daily Star	Niles	Printed matter	6	1	7	.....
Nov. 15	Niles Daily Sun, The	Niles	Printed matter	4	1	5	.....
Nov. 19	Niles Gas Light Co	Niles	Gas and coke	13	1	14	.....
Nov. 15	Niles Grain Co	Niles	Feed	2	.....	2	.....
Nov. 15	Niles Lumber Co., The	Niles	Lumber	5	1	6	.....
Nov. 19	Niles Marble & Granite Works	Niles	Monuments	2	.....	2	.....
Nov. 16	Niles Sanitary Laundry	Niles	Laundry	4	7	11	.....
Nov. 15	Niles Steel Tank Co	Niles	Steel tanks	21	2	23	.....
Nov. 15	Niles Wholesale Bread Co	Niles	Baked goods	3	1	4	.....
Nov. 14	Original Cabinet Co	Niles	Cabinets	23	1	24	.....
Nov. 19	Overland Niles Co	Niles	Garage	3	.....	3	.....
Nov. 16	Ready, T. Willard	Niles	Pharmaceuticals	39	63	102	4
Nov. 19	Rodgers, Nelson	Niles	Job printing	3	1	4	.....
Nov. 14	Shinn Mfg. Co	Niles	Lightning rods	8	2	10	.....
Nov. 19	Stoll Bros	Niles	Garage	9	1	10	.....
Nov. 15	Storms, Earl Co	Niles	Furniture specialties	9	.....	9	.....
Nov. 14	Towar Cotton Mills, Inc	Niles	Cotton fabrics	28	15	43	.....
Nov. 19	Welling, A. H	Niles	Machine repairing	3	.....	3	.....
Nov. 19	White Front Garage	Niles	Garage	3	.....	3	.....
Dec. 11	Anti-Friction Lubricant Co	St. Joseph	Grease and oil	2	.....	2	.....
Dec. 12	Auto Specialties Mfg. Co	St. Joseph	Auto specialties	104	3	107	1
Dec. 13	Barlow Bros. Creamery	St. Joseph	Dairy products	6	1	7	.....
Dec. 13	Benning & Nimts	St. Joseph	Baked goods	5	.....	5	.....
Dec. 13	Board of Public Works	St. Joseph	Water	7	.....	7	.....
Dec. 12	Bradford & Co	St. Joseph	Novelties	20	107	127	.....
Dec. 13	City Plumbing Co	St. Joseph	Plumbing	10	.....	10	.....
Dec. 11	Compound Door Co., The	St. Joseph	Veneered doors	72	2	74	3
Dec. 10	Cooper, Wells & Co	St. Joseph	Hosiery	212	290	502	36
Dec. 10	Engberg's Electric & Mechanical Wks	St. Joseph	Engines	78	2	80	1
Dec. 13	Epple, Andrew	St. Joseph	Plumbing	6	1	7	.....
Dec. 11	Famous Trucks, Inc	St. Joseph	Motor trucks	30	1	31	.....
Dec. 11	Fay-Kultgen Foundry Co	St. Joseph	Castings	33	.....	33	.....
Dec. 11	Fisher Print Shop, The	St. Joseph	Job printing	2	.....	2	.....
Dec. 10	Fitch, G. A. Coal Co	St. Joseph	Coal and wood	5	1	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BERRIEN CO.—*Con.*						
Dec. 12	Fruit Packers Machinery Co	St. Joseph	Machine repairing	4	.....	4	.....
Dec. 11	Gast Garage	St. Joseph	Auto repairing	13	1	14	.....
Dec. 12	Herald Company, The	St. Joseph	Job printing	3	.....	3	.....
Dec. 11	Imperial Printing Co	St. Joseph	Job printing	2	.....	2	.....
Dec. 13	King, Ben Cigar Co	St. Joseph	Cigars	4	1	5	.....
Dec. 12	Marshall, James	St. Joseph	Monuments	5	1	6	.....
Dec. 11	Mathieu & Sons	St. Joseph	Castings	9	.....	9	.....
Dec. 4	Michigan State Telephone Co	St. Joseph	Telephone service	2	17	19	.....
Dec. 12	Morse, A. B. Co	St. Joseph	Printed matter	39	13	52	3
Dec. 10	Mullen Bros. Paper Co	St. Joseph	Paper	39	6	45	2
Dec. 12	Mullen & Pope Screen Co	St. Joseph	Paper machinery	5	.....	5	.....
Dec. 11	Palmer Tire & Rubber Co	St. Joseph	Rubber	67	2	69	3
Dec. 13	Press Publishing Co	St. Joseph	Printed matter	7	3	10	2
Dec. 13	St. Joseph Auto Co	St. Joseph	Auto repairing	3	.....	3	.....
Dec. 12	St. Joseph Iron Works	St. Joseph	Machinery	57	.....	57	2
Dec. 11	Sieber Oil Co	St. Joseph	Oils	6	.....	6	.....
Dec. 12	Threshermen's Review Co., The	St. Joseph	Publishers	38	23	61	.....
Dec. 13	Troy's Garage	St. Joseph	Auto repairing	6	.....	6	.....
Dec. 11	Twin City Milling Co	St. Joseph	Flour and feed	7	1	8	.....
Dec. 12	Upton Machine Co	St. Joseph	Machinery, etc	45	4	49	1
Dec. 12	Wallace, John Sons Co	St. Joseph	Lumber and fuel	19	1	19	.....
Dec. 13	Wells-Higman Co	St. Joseph	Fruit packages	18	6	24	.....
Dec. 11	Williams Bros	St. Joseph	Paper boxes	16	80	96	9
Dec. 13	Wilson's Bakery	St. Joseph	Baked goods	9	1	10	.....
Dec. 10	Wilson, H. O	St. Joseph	Ice cream	6	.....	6	.....
Dec. 11	Woods & Benoit	St. Joseph	Button blanks	32	.....	32	.....
Dec. 13	Zick, A. W	St. Joseph	Custom clothing	6	.....	6	.....
Dec. 13	Zordel, Albert	St. Joseph	Harness	3	.....	3	.....
Dec. 14	Indiana & Michigan Electric Co	Scottdale	Electrical power	2	.....	2	.....
Nov. 22	Arnold, L. L	Three Oaks	Auto repairing	3	.....	3	.....
Nov. 22	Indiana & Michigan Electric Co	Three Oaks	Light and water	3	1	4	.....
Nov. 22	Temple Garage, The	Three Oaks	Auto repairing	1	.....	1	.....
Dec. 21	Three Oaks Creamery	Three Oaks	Dairy products	3	.....	3	.....
Nov. 22	Three Oaks Roller Mills	Three Oaks	Flour and feed	2	.....	2	.....
Nov. 22	Warren Featherbone Co., The	Three Oaks	Featherbone	135	150	285	3
Dec. 15	Brown & Thompson	Watervliet	Feed	2	.....	2	.....
Dec. 15	Smith, F. F. & Son	Watervliet	Ice cream	6	.....	6	.....
Dec. 15	Watervliet Creamery Co	Watervliet	Dairy products	2	.....	2	.....
Dec. 20	Watervliet Paper Co	Watervliet	Paper	218	59	277	.....
Dec. 15	Watervliet Record, The	Watervliet	Printed matter	2	1	3	.....
	BRANCH COUNTY.						
Dec. 28	Bronson Electric Light Plant	Bronson	Water and light	3	.....	3	.....
Dec. 28	Bronson Garage	Bronson	Auto repairing	3	.....	3	.....
Dec. 28	Bronson Journal Co., The	Bronson	Printed matter	3	.....	3	.....
Dec. 28	Bronson Milling Co	Bronson	Flour and feed	3	.....	3	.....
Dec. 28	Bronson Steam Laundry	Bronson	Laundry	2	.....	2	.....
Dec. 28	Carroll, R. E	Bronson	Meats	4	2	6	.....
Dec. 28	Douglas & Rudd Mfg. Co	Bronson	Electric sundries	88	42	130	.....
Dec. 28	Friedrich, Wm. H. & Co	Bronson	Lumber	16	.....	16	.....
Dec. 28	Kipp, Wm. A	Bronson	Castings	18	.....	18	.....
Dec. 28	McEndarffer, Clarence	Bronson	Baked goods	2	1	3	.....
Dec. 28	Monroe, Wm. M. & Son	Bronson	Feed and coal	6	.....	6	.....
Dec. 28	Morrison & Son	Bronson	Meats	4	.....	4	.....
Dec. 28	Visel-Conover Co	Bronson	Display fixtures	23	.....	23	.....
Dec. 27	American Express Co	Coldwater	Express	3	1	4	.....
Dec. 27	Bailey, W. C	Coldwater	Job printing	2	1	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BRANCH CO.—*Con.*						
Dec. 26	Ball & Son	Coldwater	Woodworking	7	.....	7	.....
Dec. 28	Board of Public Works	Coldwater	Water and light	9	1	10	.....
Dec. 27	Branch County Creamery	Coldwater	Dairy products	4	1	5	.....
Dec. 27	Branch Manufacturing Co., The	Coldwater	Boys' clothing	4	67	71	.....
Dec. 29	Brown, Lane	Coldwater	Meats	3	.....	3	.....
Dec. 26	Calkins, B. H. & Son Co	Coldwater	Cooperage	14	1	15	.....
Dec. 28	Champion Brass Works	Coldwater	Gas and electric fixtures	16	1	17	.....
Dec. 28	Chapman, Chas. W	Coldwater	Cigars	12	6	18	.....
Dec. 29	Clisbe & Fletcher	Coldwater	Wood and ice	7	.....	7	.....
Dec. 27	Coldwater Bread Co	Coldwater	Baked goods	3	.....	3	.....
Dec. 28	Coldwater Cigar Box Factory	Coldwater	Cigar boxes	5	5	10	.....
Dec. 27	Coldwater Garage, The	Coldwater	Auto repairing	10	.....	10	.....
Dec. 26	Coldwater Gas Light & Fuel Co	Coldwater	Light and fuel	9	2	11	.....
Dec. 26	Coldwater Monument Co., The	Coldwater	Monuments	4	.....	4	.....
Dec. 26	Coldwater Plumbing Co	Coldwater	Plumbing	6	1	7	.....
Dec. 27	Coldwater Steam Laundry	Coldwater	Laundry	4	10	14	.....
Dec. 26	Conover Eng. & Printing Co., The	Coldwater	Printing and engraving	2	.....	2	.....
Dec. 26	Coombs, Wm. A. Milling Co	Coldwater	Flour and feed	24	1	25	.....
Dec. 27	Detroit-Printses Mfg. Co	Coldwater	Dresses	3	75	78	.....
Dec. 28	Evans, Frank R	Coldwater	Photo engraving	1	.....	1	.....
Dec. 28	Ford Garage	Coldwater	Auto repairing	2	.....	2	.....
Dec. 22	French Steam Dye Works	Coldwater	Dry cleaning	2	.....	2	.....
Dec. 26	Harding, G. W. & Son	Coldwater	Farm implements	3	.....	3	.....
Dec. 27	Hellenberg, J. B. Co., Inc., The	Coldwater	Athletic goods	17	1	18	.....
Dec. 28	Holmes, Clifton	Coldwater	Auto repairing	2	.....	2	.....
Dec. 27	Home Bakery, The	Coldwater	Baked goods	1	3	4	.....
Dec. 27	Hoosier Shoe Co	Coldwater	Shoes	52	43	95	2
Dec. 28	Johnson, Harold A	Coldwater	Auto repairing	2	.....	2	.....
Dec. 28	Kitchel, S. B	Coldwater	Medicine	2	2	4	.....
Dec. 27	Kleindinst, Gerald E	Coldwater	Job printing	4	2	6	.....
Dec. 28	Klingler, A. J. Printing Co	Coldwater	Job printing	2	.....	2	.....
Dec. 28	Loring, Sanford	Coldwater	Machine repairing	2	.....	2	.....
Dec. 27	Legg Lumber Co	Coldwater	Lumber	4	1	5	.....
Dec. 26	Libby, McNeill & Libby	Coldwater	Canned goods	49	26	75	.....
Dec. 27	Mannerow, J. C	Coldwater	Dry cleaning	2	2	4	.....
Dec. 28	Mannerow, L. C	Coldwater	Furniture	2	.....	2	.....
Dec. 27	Mansell & Kappler	Coldwater	Plumbing	3	.....	3	.....
Dec. 27	O'Shaughnessy Bros	Coldwater	Cigars	4	.....	4	.....
Dec. 27	Payne, J. D	Coldwater	Cigars	2	1	3	.....
Dec. 28	Pearce Cigar Store, The	Coldwater	Cigars	8	1	9	.....
Dec. 27	Perry, J. B. & Co	Coldwater	Flour and feed	4	1	5	.....
Dec. 26	Pollock, S. & Son	Coldwater	Lumber and coal	8	1	9	.....
Dec. 27	Pratt Manufacturing Co	Coldwater	Hand sleighs	80	2	82	.....
Dec. 28	Regal Gasoline Engine Co	Coldwater	Marine engines	52	3	55	.....
Dec. 27	Reporter, The	Coldwater	Job printing	22	3	25	12
Dec. 28	Rogers, D. P	Coldwater	Bicycle repairing	2	.....	2	.....
Dec. 27	Sandt, Peter	Coldwater	Plumbing	3	1	4	.....
Dec. 27	Sanitary Ice Cream Co	Coldwater	Ice cream	3	.....	3	.....
Dec. 27	Schmedlen, W. H	Coldwater	Carriages	5	1	6	.....
Dec. 28	Southern Michigan Garage	Coldwater	Auto repairing	4	2	6	.....
Dec. 27	Southern Michigan Telephone Co	Coldwater	Telephone service	5	24	29	.....
Dec. 27	Standard Garage, The	Coldwater	Auto repairing	4	.....	4	.....
Dec. 28	Stokes Manufacturing Co., The	Coldwater	Coat hangers	8	.....	8	.....
Dec. 28	Swaffield & Hibbard	Coldwater	Iron works	4	.....	4	.....
Dec. 28	Sweet & Morgan	Coldwater	Bicycle repairing	2	.....	2	.....
Dec. 27	Tiefenthal, H. A	Coldwater	Baked goods	2	2	4	.....
Dec. 28	Titus Foundry, The	Coldwater	Castings	16	1	17	.....
Dec. 28	Treat, S. I. & Son	Coldwater	Hides and junk	10	1	11	.....
Dec. 28	Van Aken Bros	Coldwater	Auto painting	5	.....	5	.....
Dec. 28	Van Aken Bros	Coldwater	Flowers	4	2	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	BRANCH CO.—*Con.*						
Dec. 29	Warner, C. D. Co., The	Coldwater	Medicine	2	2	4	.....
Dec. 28	Western Reserve Condensed Milk Co.	Coldwater	Milk condensing	8	.....	8	.....
Dec. 29	Wolverine Portland Cement Co	Coldwater	Cement	137	.....	137	.....
Dec. 29	Burch & Day	Quincy	Feed and fuel	3	1	4	.....
Dec. 29	F. & F. Auto Co	Quincy	Auto repairing	4	.....	4	.....
Jan. 4,18	Ganong, Theo. B	Quincy	Plumbing	3	.....	3	.....
Dec. 29	Kinyon, E. H. & Son	Quincy	Coal and seeds	2	.....	2	.....
Dec. 29	McKenzie Cereal Food & Milling Co., The	Quincy	Flour and feed	21	11	32	.....
Dec. 29	Quincy Creamery	Quincy	Dairy products	1	.....	1	.....
Dec. 29	Quincy Herald, The	Quincy	Printed matter	2	1	3	.....
Dec. 29	Quincy Lumber Co	Quincy	Lumber	3	1	4	.....
Dec. 29	Quincy Water & Light Plant	Quincy	Light and water	3	.....	3	.....
Dec. 29	Urick, E. C	Quincy	Baked goods	4	1	5	.....
Dec. 29	Wolverine Portland Cement Co	Quincy	Cement	118	.....	118	.....
Dec. 28	Baad, J. H	Union City	Coal and wood	2	1	3	.....
Dec. 28	Buell, Perry J	Union City	Lumber	2	.....	2	.....
Dec. 28	Luts, G. W	Union City	Baked goods	2	2	4	.....
Dec. 28	Municipal Water & Light Plant	Union City	Water and light	4	.....	4	.....
Dec. 28	Overland Garage	Union City	Auto repairing	2	.....	2	.....
Dec. 28	Peerless Portland Cement Co	Union City	Cement	125	2	127	.....
Dec. 28	Peerless Yeast Co., The	Union City	Yeast	6	4	10	.....
Dec. 28	Register-Weekly, The	Union City	Printed matter	3	.....	3	.....
Dec. 28	Seaver, S. W	Union City	Baked goods	4	.....	4	.....
Dec. 28	Spore, C. B	Union City	Auto repairing	3	.....	3	.....
Dec. 28	Union City Creamery	Union City	Dairy products	6	.....	6	.....
Dec. 28	Union City Milling Co	Union City	Flour and feed	4	.....	4	.....
Dec. 28	Weple, M. P	Union City	Lumber	2	.....	2	.....
	CALHOUN COUNTY.						
Nov. 15	Albion Bottling Works	Albion	Soft drinks	3	.....	3	.....
Nov. 13	Albion Bolt Co	Albion	Auto bolts and nuts	12	.....	12	.....
Nov. 12	Albion Chemical Works	Albion	Chemicals	1	.....	1	.....
Nov. 14	Albion Farmers Elevator Co	Albion	Grain	2	.....	2	.....
Nov. 13	Albion Garage, The	Albion	Auto repairing	12	2	14	.....
Nov. 16	Albion Gas Light Co., The	Albion	Light and fuel	10	2	12	.....
Nov. 16	Albion Iron & Metal Co	Albion	Iron and metal	6	1	7	.....
Nov. 13	Albion Leader, The	Albion	Printed matter	1	1	2	.....
Nov. 14	Albion Lumber Co	Albion	Lumber	8	.....	8	.....
Nov. 12	Albion Malleable Iron Co	Albion	Castings	656	37	693	.....
Nov. 12	Albion Press Co., The	Albion	Job printing	3	1	4	.....
Nov. 15	Avery, Fred A	Albion	Dry cleaning	2	2	4	.....
Nov. 16	Baader, A. J. & Co	Albion	Cigars	4	2	6	.....
Nov. 13	Banner Laundry, The	Albion	Laundry	3	7	10	.....
Nov. 16	Behling Brothers	Albion	Cigars	3	1	4	.....
Nov. 12	Brant, J. W. Co., The	Albion	Medicine	1	2	3	.....
Nov. 16	Burden, Geo. R	Albion	Job woodwork	1	.....	1	.....
Nov. 13	Cement Casket Manufacturing Co	Albion	Cement caskets	16	7	23	1
Nov. 16	City Paint Shop	Albion	Painting	5	.....	5	.....
Nov. 16	Condon, Mrs. Rose	Albion	Millinery	.....	3	3	.....
Nov. 14	Consumers Power Co	Albion	Power	2	.....	2	.....
Nov. 14	Consumers Power Co	Albion	Light	6	.....	6	.....
Nov. 13	Crosier, W. H	Albion	Electrical supplies	3	1	4	.....
Nov. 14	Ford Garage	Albion	Auto repairing	4	.....	4	.....
Nov. 15	Furey, Mrs. Rose Power	Albion	Millinery	.....	5	5	.....
Nov. 12	Gale Manufacturing Co	Albion	Farm implements	290	11	301	10
Nov. 14	Gibbs & Sanders	Albion	Coal and wood	8	.....	8	.....
Nov. 13	Hahn's Shoe Hospital	Albion	Shoe repairing	2	.....	2	.....
Nov. 15	Hayes, Halleck	Albion	Harness	1	.....	1	.....
Nov. 13	Hayes Wheel Co	Albion	Auto hubs	442	19	461	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CALHOUN CO.—*Con.*						
Nov. 14	Howard Meat Co., The	Albion	Meats	4	1	5	.....
Nov. 16	Kamp, Herman	Albion	Cigars	6	3	9	.....
Nov. 13	Langridge, Clyde S	Albion	Plumbing	4	.....	4	.....
Nov. 15	McAuliffe, D. M	Albion	Farm implements	3	.....	3	.....
Nov. 13	McAuliffe, Fred	Albion	Metal work	2	1	3	.....
Nov. 12	McCredie's Garage	Albion	Auto repairing	4	.....	4	.....
Nov. 14	McDonald, E	Albion	Millinery	.....	3	3	.....
Nov. 14	McDougal & Young	Albion	Coal and feed	8	.....	8	.....
Nov. 14	McKinney, John	Albion	Meats	3	1	4	.....
Nov. 14	Maple City Dairy Co	Albion	Dairy products	6	2	8	.....
Nov. 15	Marquis, J. C	Albion	Cigars	2	.....	2	.....
Nov. 14	Michigan Railway Co	Albion	Car repairing	109	3	112	1
Nov. 16	Model Laundry, The	Albion	Laundry	3	10	13	.....
Nov. 16	Monarch Cigar Co	Albion	Cigars	2	.....	2	.....
Nov. 14	Mounteer, E. M	Albion	Baked goods	9	1	10	.....
Nov. 13	National Spring & Wire Co	Albion	Auto wire springs	65	8	73	4
Nov. 13	North Side Bakery	Albion	Baked goods	3	1	4	.....
Nov. 13	Nowlin, Frank E. Co	Albion	Grain and feed	7	32	39	.....
Nov. 14	Pennell, H. D. & Son	Albion	Flour and feed	2	.....	2	.....
Nov. 13	Philp, H. E	Albion	Tailoring	1	1	2	.....
Nov. 12	Recorder Press, The	Albion	Printed matter	9	4	13	.....
Nov. 16	Smith & Lathwell	Albion	Tailoring	6	3	9	.....
Nov. 14	Snearly, L. C	Albion	Meats	4	.....	4	.....
Nov. 16	Spears & Schofield	Albion	Plumbing	6	.....	6	.....
Nov. 13	Striker, L. F	Albion	Auto repairing	4	.....	4	.....
Nov. 14	Talmage & Bauer	Albion	Meats	5	1	6	.....
Nov. 16	Teller, Orrin J	Albion	Contracting	13	.....	13	.....
Nov. 13	Tifft, Frank	Albion	Locksmith	1	.....	1	.....
Nov. 13	Union Steel Products Co., Ltd., The	Albion	Wire and iron work	215	16	231	13
Nov. 14	Wilder, S. A. & Son	Albion	Lumber	9	.....	9	.....
Nov. 13	Winslow & Porr	Albion	Plumbing	2	1	3	.....
Nov. 12	Wochhols & Gress	Albion	Groceries and fuel	10	.....	10	.....
Nov. 8	Athens Creamery	Athens	Dairy products	2	.....	2	.....
Nov. 8	Athens Mill & Power Co	Athens	Flour and feed	3	.....	3	.....
Nov. 8	Athens Times, The	Athens	Printed matter	2	.....	2	.....
Nov. 8	Athens Water Works	Athens	Water	1	.....	1	.....
Nov. 8	Emmel, Wm	Athens	Baked goods	1	1	2	.....
Nov. 8	Lucas, Chas	Athens	Auto repairing	1	.....	1	.....
Nov. 8	Shafer Wagon Co., The	Athens	Wagons	2	.....	2	.....
Nov. 8	Wilber, F. B	Athens	Cigars	1	.....	1	.....
Nov. 8	Wolfe, W. F	Athens	Grain	2	.....	2	.....
Nov. 8	Wood & Woodruff	Athens	Lumber and coal	12	.....	12	.....
Oct. 31	Abbott, O. B	Battle Creek	Cigars	3	.....	3	.....
April 9	A. B. Stove Co	Battle Creek	Stoves	185	14	199	.....
Sept. 25	Adams Express Co	Battle Creek	Express service	8	1	9	.....
June 6	Advance Pump & Compressor Co	Battle Creek	Pumps and compressors	40	2	42	.....
Sept. 12	Advance-Rumely Co	Battle Creek	Machinery	395	3	398	1
April 17	Advance-Rumely Co	Battle Creek	Farm machinery	372	4	376	2
April 10	Ajax Enameling & Foundry Co	Battle Creek	Castings	108	6	114	.....
Sept. 12	Alsteel Manufacturing Co	Battle Creek	Paper balers	18	2	20	.....
June 22	American Column Co	Battle Creek	Porch columns	10	1	11	.....
Oct. 26	American Express Co	Battle Creek	Express service	22	3	25	.....
Sept. 17	American Motor Co	Battle Creek	Auto repairing	12	2	14	.....
May 21	American Stamping Co	Battle Creek	Stamping	34	11	45	.....
May 31	American Steam Pump Co	Battle Creek	Pumping machinery	272	8	280	5
Sept. 25	Armour & Co	Battle Creek	Meats	9	.....	9	.....
Nov. 2	Armstrong & Brown	Battle Creek	Fuel and feed	7	.....	7	.....
Sept. 28	Arnold Milling Co	Battle Creek	Flour and feed	3	.....	3	.....
April 19	Barker Bros	Battle Creek	Coal and feed	3	.....	3	.....
Sept. 25	Battle Creek Drayage Co	Battle Creek	Draying	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CALHOUN CO.—*Con.*						
April 16	Battle Creek Bread Wrapping Machine Co.	Battle Creek	Wrapping machines	47	1	48	.....
Sept. 26	Battle Creek Dry Cleaning Works	Battle Creek	Cleaning and pressing	4	.....	4	1
Sept. 18	Battle Creek Evening News	Battle Creek	Printed matter	23	5	28	3
Sept. 24	Battle Creek Ice Cream Co	Battle Creek	Ice cream	2	2	4	.....
Sept. 11	Battle Creek Lumber Co	Battle Creek	Lumber	11	.....	11	.....
May 4	Battle Creek Paper Co	Battle Creek	Paper boxes	192	77	269	.....
Oct. 2	Battle Creek Pattern Works	Battle Creek	Patterns	4	.....	4	.....
Oct. 1	Battle Creek Roofing & Mfg. Co	Battle Creek	Roofing and paints	25	1	26	.....
Nov. 2	Battle Creek Sales Book Co	Battle Creek	Sales books	3	.....	3	.....
May 21	Battle Creek Sanitarium, The	Battle Creek	Electrical department	15	.....	15	.....
May 21	Battle Creek Sanitarium, The	Battle Creek	Engineering department	25	.....	25	.....
May 21	Battle Creek Sanitarium, The	Battle Creek	Laundry	19	79	98	1
May 21	Battle Creek Sanitarium, The	Battle Creek	Machine shop	6	.....	6	.....
May 21	Battle Creek Sanitarium, The	Battle Creek	Mason department	8	.....	8	.....
May 21	Battle Creek Sanitarium, The	Battle Creek	Paint shop	19	.....	19	.....
Sept. 24	Battle Creek Storage & Carting Co	Battle Creek	Cartage, etc	15	1	16	.....
Sept. 25	Battle Creek Taxicab Co	Battle Creek	Taxi service	27	.....	27	.....
June 20	Battle Creek Toy Mfg. Co	Battle Creek	Toys	20	19	39	9
Oct. 10	Basley's Cash Market	Battle Creek	Meats	5	1	6	.....
April 13	Bennett Oven Co	Battle Creek	Bake ovens	12	.....	12	.....
April 19	Big Four Ink & Color Co	Battle Creek	Printing inks	4	1	5	.....
Oct. 10	Binder, R. Co	Battle Creek	Meats	28	3	31	1
Sept. 21	Bodine Brothers	Battle Creek	Dyeing and cleaning	2	2	4	.....
Sept. 27	Bodine, William	Battle Creek	Dry cleaning	3	2	5	.....
Sept. 24	Boomhower Auto Supply Co	Battle Creek	Auto supplies	3	.....	3	.....
Sept. 28	Brets, E. F	Battle Creek	Tailoring	3	1	4	.....
Sept. 28	Brewer, C. R. Lumber Co	Battle Creek	Lumber	8	1	9	.....
Oct. 2	Briggs & Classic	Battle Creek	Signs	4	.....	4	.....
Oct. 2	Brown, J. E	Battle Creek	Bicycle repairing	2	1	3	.....
Oct. 10	Browning, T. E. & Son	Battle Creek	Coal and wood	4	.....	4	.....
Sept. 21	Buick Motor Co	Battle Creek	Auto repairing	15	4	19	.....
Sept. 27	Burton & Bordine	Battle Creek	Welding	2	.....	2	.....
May 23	Calhoun Gas Co	Battle Creek	Gas	104	11	115	2
Oct. 9	Callaghan, J. W	Battle Creek	Shoe repairing	2	.....	2	.....
Oct. 31	Candy Crabb Stores Co., Inc	Battle Creek	Candy	3	3	6	.....
Sept. 21	Central Electric Co	Battle Creek	Electrical supplies	12	3	15	.....
Sept. 25	Central Garage, The	Battle Creek	Auto repairing	3	1	4	.....
Sept. 25	Central Iron & Metal Co	Battle Creek	Junk	3	.....	3	.....
May 18	Citizens Electric Co., The	Battle Creek	Light and power	17	1	18	.....
Sept. 17	Citizens Telephone Co	Battle Creek	Telephone service	34	13	47	.....
Sept. 26	Clark, E. G	Battle Creek	Coal and wood	6	.....	6	.....
Oct. 1	Claypool, J. D	Battle Creek	Plumbing	8	.....	8	.....
Oct. 9	Coca-Cola Bottling Co	Battle Creek	Soft drinks	4	.....	4	.....
Sept. 26	Coggan, S. W	Battle Creek	Flowers	6	2	8	2
Oct. 31	Cole, Levant	Battle Creek	Flowers	5	.....	5	.....
Oct. 1	Consolidated Ice Co., Ltd	Battle Creek	Ice	30	1	31	.....
Feb. 10	Consumers Power Co	Battle Creek	Electricity	35	4	39	.....
Feb. 10	Consumers Power Co	Battle Creek	Electricity	49	.....	49	.....
April 19	Crabill Hose Clamp Co	Battle Creek	Hose clamps	3	6	9	.....
Nov. 2	Crane, Guy E	Battle Creek	Harness	4	.....	4	.....
June 18	Cushman Auto Sales Co	Battle Creek	Auto repairing	11	1	12	1
Sept. 18	Darlington & Co	Battle Creek	Sheet metal	8	1	9	.....
June 18	Davis, O. J	Battle Creek	Coal and feed	4	1	5	.....
Oct. 23	Day, Ralph	Battle Creek	Cigars	5	.....	5	.....
Oct. 30	Dean Linen Co., The	Battle Creek	Art goods	1	5	6	.....
Oct. 9	Department of Public Works	Battle Creek	Water	14	.....	14	.....
Sept. 18	DeWitt, C. C	Battle Creek	Auto repairing	4	.....	4	.....
Nov. 2	DeWitt Sisters	Battle Creek	Artificial flowers	1	6	7	.....
Sept. 26	District Messenger Service & Parcel Co	Battle Creek	Messenger service	2	.....	2	.....
Sept. 21	Dobbins-Petrie Furnace Co	Battle Creek	Sheet metal	8	.....	8	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CALHOUN CO.—*Con.*						
Nov. 12	Dog Fancier, The	Battle Creek	Printed matter	1	1	2	.....
Oct. 2	Donald, W. J.	Battle Creek	Baked goods	5	1	6	.....
Oct. 31	Dowdle, Thos. J.	Battle Creek	Plumbing	5	.....	5	.....
May 31	Duplex Printing Press Co.	Battle Creek	Printing presses	199	5	204	.....
Oct. 1	Ederle, C. H. & Co.	Battle Creek	Sheet metal	11	.....	11	.....
Sept. 28	Eldred, Willard H.	Battle Creek	Harness	3	.....	3	.....
Sept. 17	Ellis Publishing Co.	Battle Creek	Printed matter	27	14	41	.....
Sept. 24	Emmerson Truck & Storage Co., The	Battle Creek	Trucking	23	1	24	1
Sept. 21	Emery Cigar Co.	Battle Creek	Cigars	11	6	17	1
Sept. 18	Enquirer Publishing Co., Ltd.	Battle Creek	Printed matter	28	4	32	1
Nov. 2	Ensign Remedies Co., The	Battle Creek	Medicines	3	1	4	.....
Oct. 10	Evans & Son	Battle Creek	Coal and wood	5	.....	5	.....
Oct. 31	Excelsior Auto Cycle Supply Co.	Battle Creek	Auto cycle repairing	2	.....	2	.....
Sept. 10	Foglesong, J. B. Mfg. Co.	Battle Creek	Cabinets	3	1	4	.....
Sept. 25	Ford-Brink Co.	Battle Creek	Wall paper and paints	11	1	12	.....
Sept. 27	Forster, G. F. Co., The	Battle Creek	Millinery	.....	6	6	.....
June 22	Franklin Brass Co.	Battle Creek	Castings	7	.....	7	.....
June 22	Franklin Iron & Metal Co.	Battle Creek	Junk	37	1	38	.....
Sept. 17	Gage Printing Co., Ltd.	Battle Creek	Printing, engraving, etc.	60	14	74	2
Oct. 1	Galloup, J. O.	Battle Creek	Plumbing	3	1	4	.....
Oct. 26	Galloway Bakery	Battle Creek	Baked goods	3	1	4	.....
Sept. 11	Gartner Baking Co.	Battle Creek	Baked goods	31	3	34	.....
June 20	Gillett Printing Co., The	Battle Creek	Job printing	3	1	4	.....
Sept. 11	Gillis, C. H. & Sons	Battle Creek	Contractors	12	1	13	.....
Oct. 31	Globe Mfg. Co.	Battle Creek	Air compressors	11	7	18	.....
Sept. 25	Godsmark, Durand & Co., Inc.	Battle Creek	Wholesale groceries	11	4	15	.....
Sept. 17	Good Health Publishing Co.	Battle Creek	Printed matter	8	38	46	1
Oct. 10	Goodwin Sales Co.	Battle Creek	Building material	6	1	7	.....
Sept. 27	Goodyear Shoe Repairer	Battle Creek	Shoe repairing	3	1	4	.....
Sept. 27	Gosselin Granite Co., The	Battle Creek	Monuments	7	1	8	.....
April 24	Grand Trunk Railway System	Battle Creek	Supply department	14	5	19	.....
April 23	Grand Trunk Railway System	Battle Creek	Engine repairing	607	5	612	42
Sept. 17	Graves & Evans Co.	Battle Creek	Candy	14	3	17	.....
Sept. 27	Great Scott Hat Factory	Battle Creek	Hats	2	1	3	.....
Sept. 26	Grocers, Inc.	Battle Creek	Wholesale groceries	12	5	17	.....
Sept. 26	Groll, George	Battle Creek	Tailoring	6	2	8	.....
Sept. 26	Halladay, J. F. & Son	Battle Creek	Wholesale groceries	11	2	13	.....
Sept. 24	Hanchett & Crooks	Battle Creek	Plumbing	25	1	26	.....
Sept. 21	Harris Brothers	Battle Creek	Harness	3	.....	3	.....
Oct. 2	Harrison, J. J.	Battle Creek	Tailoring	1	2	3	.....
Oct. 31	Heffley Plumbing Co.	Battle Creek	Plumbing	8	.....	8	.....
Sept. 21	Herns Mail Wagon Co.	Battle Creek	Wagons	6	.....	6	.....
Oct. 2	Hoeksema, J.	Battle Creek	Cigars	5	2	7	.....
Oct. 23	Hubbard-Howell Electric Co.	Battle Creek	Electric supplies	11	1	12	.....
Oct. 31	Humiston-Brutsche	Battle Creek	Upholstering	2	.....	2	.....
Sept. 17	Ideal Laundry, The	Battle Creek	Laundry	6	18	24	1
Sept. 2	Imperial Dye Works	Battle Creek	Cleaning and dyeing	2	1	3	.....
Sept. 20	Independent Garage	Battle Creek	Auto repairing	14	2	16	.....
Oct. 10	Ivanoff, Peter & Co.	Battle Creek	Baked goods	3	.....	3	.....
June 18	J. & J. Co.	Battle Creek	Tire repairing	3	.....	3	.....
Sept. 27	Johnson, Adolph	Battle Creek	Steel construction work	5	.....	5	.....
April 13	Johnson Automatic Sealer Co.	Battle Creek	Sealing machines	48	1	49	.....
Oct. 1	Jones, J. E.	Battle Creek	Baked goods	3	2	5	.....
June 20	Jones & Fitzgerald	Battle Creek	Sheet metal	7	.....	7	.....
Sept. 27	Jordan, S.	Battle Creek	Tailoring	1	1	2	.....
Sept. 12	Kellogg, F. J. Co.	Battle Creek	Medicine	1	14	15	.....
April 11	Kellogg Food Co., The	Battle Creek	Health foods	56	49	105	.....
April 21	Kellogg Toasted Corn Flake Co.	Battle Creek	Cereals	386	191	577	.....
Oct. 31	Keyes-Davis Co., The	Battle Creek	Metal specialties	6	7	13	.....
Sept. 28	King, H. C. Seed Co.	Battle Creek	Seeds	9	.....	9	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CALHOUN CO.—*Con.*						
Sept. 11	Kirkpatrick, W. J	Battle Creek	Coal and wood	6	.....	6	.....
Oct. 2	Kribs, B. W	Battle Creek	Flowers	2	.....	2	.....
Sept. 20	Lane, Loring Printing Co., Ltd	Battle Creek	Job printing	3	1	4	1
Nov. 2	Larkin, David L	Battle Creek	Sporting goods	2	.....	2	.....
June 18	Little Letter Shop, The	Battle Creek	Job printing	2	.....	2	.....
Nov. 12	Lunn, B. F	Battle Creek	Tailoring	2	.....	2	.....
Oct. 8	Lybarger, C. A	Battle Creek	Dry cleaning	2	1	3	.....
Oct. 31	Maltby Auto Specialty Co	Battle Creek	Auto repairing	4	1	5	.....
June 18	Maltby Auto Specialty Co	Battle Creek	Spray pumps	6	1	7	.....
June 1	Mapl-Flake Mills	Battle Creek	Cereals	43	36	79	.....
Sept. 26	Marsh, Wayne D	Battle Creek	Decorating	21	.....	21	.....
Oct. 1	Mason, A. A. & Son	Battle Creek	Millinery	1	2	3	.....
Sept. 27	Mead, The Tailor	Battle Creek	Tailoring	2	.....	2	.....
Sept. 26	Merchants' Parcel Delivery	Battle Creek	Messenger service	9	.....	9	1
May 16	Michigan Carton Co	Battle Creek	Folding boxes	310	31	341	4
Oct. 10	Michigan Glove Co., The	Battle Creek	Gloves	2	21	23	.....
April 13	Michigan Metal Products Co	Battle Creek	Sheet metal	18	2	20	2
Sept. 20	Michigan Railway Co	Battle Creek	Car repairing	21	.....	21	.....
Sept. 11	Michigan Rug & Cleaning Co	Battle Creek	Carpet cleaning	3	1	4	.....
Oct. 8	Michigan State Telephone Co	Battle Creek	Telephone service	40	160	200	1
Sept. 20	Michigan United Traction Co	Battle Creek	Car repairing	125	4	129	.....
Sept. 21	Milk Producers Co	Battle Creek	Dairy products	35	.....	35	.....
Oct. 1	Miller, R. J	Battle Creek	Painting	3	.....	3	.....
Sept. 13	Minty Cigar Co	Battle Creek	Cigars	14	5	19	1
Sept. 24	Model Bakery	Battle Creek	Baked goods	2	1	3	.....
Sept. 13	Moon-Journal Publishing Co	Battle Creek	Printed matter	19	6	25	.....
Oct. 8	Moore, D. B	Battle Creek	Millinery	1	4	5	.....
Sept. 28	Morgan & Schaffer	Battle Creek	Coal and wood	5	.....	5	.....
Oct. 8	Morse, Edward J	Battle Creek	Sheet metal	5	.....	5	.....
June 13	Nichols & Shepard Co	Battle Creek	Threshing machines	608	.....	608	1
Oct. 30	Nielsen & Butler	Battle Creek	Ladies' tailoring	1	3	4	.....
Sept. 24	North & Strong Lumber Co	Battle Creek	Lumber	6	.....	6	.....
Sept. 18	O. K. Laundry	Battle Creek	Laundry	13	40	53	.....
Oct. 8	Otto, Frank	Battle Creek	Shoe repairing	2	1	3	.....
Sept. 12	Palace Garage	Battle Creek	Auto repairing	6	.....	6	.....
Sept. 25	Palmer, Frank	Battle Creek	Automobiles	4	1	5	.....
Nov. 2	Parker Delicatessen Shoppe, The	Battle Creek	Baked goods	1	3	4	.....
Sept. 28	Parker, The Furrier	Battle Creek	Furs	1	5	6	.....
Sept. 28	Parrish & Lusk	Battle Creek	Sheet metal	4	.....	4	.....
Sept. 27	Peebles, Dr. Institute of Health, Ltd	Battle Creek	Medicine	3	7	10	.....
Sept. 28	Phillip's, Henry L. Garage	Battle Creek	Auto repairing	10	1	11	2
Sept. 25	Piowaty, M. & Sons	Battle Creek	Produce	9	.....	9	.....
Sept. 13	Phoenix Printing Co	Battle Creek	Job printing	4	2	6	.....
Sept. 10	Post-Raymond Dairy Co	Battle Creek	Dairy products	16	.....	16	.....
Sept. 24	Postal Telegraph-Cable Co	Battle Creek	Telegraph service	5	1	6	2
May 9	Postum Cereal Co	Battle Creek	Cereals	745	366	1,111	2
May 10	Postum Cereal Co	Battle Creek	Light and heat	3	.....	3	.....
Oct. 1	Powers & Co	Battle Creek	Seeds and grain	3	.....	3	.....
May 3	Quaker Oats Co., The	Battle Creek	Cereals	66	31	97	.....
Oct. 23	Rathbun & Kraft Co	Battle Creek	Coal and lumber	41	1	42	.....
Sept. 24	Redner & Cortright Paper Co	Battle Creek	Paper	5	2	7	.....
April 12	Rich Steel Products Co	Battle Creek	Tools and motor parts	148	20	168	.....
Sept. 28	Richtmyer Baking Co	Battle Creek	Baked goods	2	1	3	.....
June 22	Ritchie, Galvin & Sons	Battle Creek	Machine repairing	5	.....	5	.....
Oct. 8	Rivers Motor Co	Battle Creek	Auto repairing	2	1	3	.....
Sept. 27	Runnels, Mrs. B	Battle Creek	Beauty parlor	.....	3	3	.....
June 18	Sanitarium Equipment Co	Battle Creek	Electric supplies	9	2	11	.....
June 18	Saxton, E. L	Battle Creek	Bicycle repairing	2	.....	2	.....
Oct. 8	Schols, H	Battle Creek	Meats	4	1	5	.....
Sept. 20	Seedorff, W. H	Battle Creek	Coal and seed	6	.....	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CALHOUN CO.—*Con.*						
Oct. 1	Sharpsteen, Bertha	Battle Creek	Millinery	.....	3	3	.....
Sept. 11	Sherman, H. B. Mfg. Co	Battle Creek	Brass goods	127	32	159	.....
Sept. 27	Shopoff, A. Z	Battle Creek	Ladies' tailoring	1	2	3	.....
Sept. 2	Shouldice Bros	Battle Creek	Sheet metal	12	.....	12	.....
June 22	Shulters Granite Co	Battle Creek	Monuments	4	.....	4	.....
Oct. 2	Sikorski, J	Battle Creek	Cigars	6	2	8	.....
Sept. 20	Spencer, C. Edward	Battle Creek	Job printing	2	.....	2	.....
Sept. 24	Spink, Will H	Battle Creek	Dyeing and cleaning	6	2	8	.....
Sept. 18	Smith, J. A	Battle Creek	Coal and feed	5	.....	5	.....
Oct. 2	Smith & Onger	Battle Creek	Tailoring	13	.....	13	.....
Oct. 30	Snyder, R. W	Battle Creek	Extracts	3	.....	3	.....
Sept. 24	Snyder & Schnau	Battle Creek	Plumbing	5	.....	5	.....
Oct. 9	Snyder, H. V. & Son	Battle Creek	Building contractors	11	.....	11	.....
Nov. 2	Squier, V. C	Battle Creek	Violins	5	7	12	1
Oct. 10	Standard Oil Co	Battle Creek	Oils	10	1	11	.....
Oct. 1	State Street Garage	Battle Creek	Auto repairing	3	.....	3	.....
Sept. 10	Steel Age Mfg. Co., Inc., The	Battle Creek	Steel screen doors	3	12	15	.....
Oct. 10	Stewart Bros	Battle Creek	Leather hides	4	.....	4	.....
Sept. 12	Stewart Laundry	Battle Creek	Laundry	10	36	46	.....
Oct. 1	Stiles, I. H	Battle Creek	Coal, etc	2	.....	2	.....
May 23	Strain, Edward D	Battle Creek	Baked goods	20	.....	20	.....
Oct. 10	Strong-Barker Hardware Co	Battle Creek	Hardware	8	1	9	.....
Sept. 20	Stroud's Bakery	Battle Creek	Baked goods	3	1	4	.....
Oct. 8	Swindell-Taylor Co	Battle Creek	Produce	4	.....	4	.....
Sept. 13	"Taylor Made" Candy	Battle Creek	Candy	4	8	12	1
Sept. 28	Teeter, Fred	Battle Creek	Machine repairing	5	1	6	.....
May 10	There's A Reason Co., Ltd	Battle Creek	Advertising	7	16	23	.....
June 20	Titus & Hicks	Battle Creek	Flour and feed	7	.....	7	.....
Nov. 2	Totten, D. B. Bakery	Battle Creek	Baked goods	2	1	3	.....
Oct. 12	Tuckerman, M. O	Battle Creek	Meats	3	.....	3	.....
May 17	Union Steam Pump Co	Battle Creek	Machinery	285	10	295	.....
Sept. 18	United Motors Co	Battle Creek	Auto repairing	8	.....	8	.....
Sept. 20	U. S. Auto Supply Stores Co	Battle Creek	Auto sundries	3	2	5	.....
May 24	United States Register Co	Battle Creek	Heat registers	59	4	63	3
May 21	United Steel & Wire Co	Battle Creek	Wire goods	24	6	30	.....
Sept. 27	Vogue Hat Shop	Battle Creek	Millinery	1	4	5	.....
Sept. 21	Walsh, A. W. Co	Battle Creek	Produce	6	.....	6	.....
Sept. 13	Western Union Telegraph Co., The	Battle Creek	Telegraph service	16	8	24	8
Oct. 25	Wetmore, Fay	Battle Creek	Meats	2	.....	2	.....
Oct. 1	Whellock-Prestler Roofing & Construction Co	Battle Creek	Roofing	5	.....	5	.....
Sept. 26	Willey Vulcanising Shop	Battle Creek	Tire repairing	2	.....	2	.....
Sept. 24	Wilson, D. T	Battle Creek	Coal and seeds	6	.....	6	.....
Sept. 11	Wire Bolt Clamp Co	Battle Creek	Hose clamps	3	4	7	.....
Sept. 27	Wolverine Auto Cycle Co	Battle Creek	Auto cycles	2	.....	2	.....
June 18	Wolverine Optical Co	Battle Creek	Optical goods	7	1	8	2
April 19	Young, E. H	Battle Creek	Laundry	2	1	3	.....
Oct. 10	Zinn, A. K. & Co	Battle Creek	Flour and feed	6	.....	6	.....
Nov. 20	Campbell, E. F	Homer	Dairy products	9	.....	9	.....
Nov. 20	Cortright Milling Co	Homer	Flour	5	.....	5	.....
Nov. 20	Dorris, W. H. & Son	Homer	Lumber and coal	4	.....	4	.....
Nov. 19	Hayner, G. H	Homer	Baked goods	3	.....	3	.....
Nov. 20	Homer Electric Light & Power Co	Homer	Light and power	2	.....	2	.....
Nov. 19	Homer Furnace Co	Homer	Furnaces	78	.....	78	1
Nov. 19	Homer Garage & Machine Works	Homer	Auto repairing	1	.....	1	.....
Nov. 20	Homer Index, The	Homer	Printed matter	3	.....	3	.....
Nov. 20	King, W. E. & Son	Homer	Auto repairing	3	.....	3	.....
Nov. 20	Osborn, J. C. & Son	Homer	Meats	2	.....	2	.....
Nov. 19	Powers Implement Co	Homer	Farm implements	2	.....	2	.....
Nov. 5	All Season Body Co	Marshall	Auto tops	36	1	37	.....
Nov. 7	Auto Inn	Marshall	Auto repairing	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CALHOUN CO.—*Con.*						
Nov. 6	Beckwith, J. C.	Marshall	Grain and feed	3	.....	3	.....
Nov. 5	Boomhower Auto Supply Co.	Marshall	Auto supplies	2	.....	2	.....
Nov. 7	Bossard Brothers	Marshall	Meats	3	.....	3	.....
Nov. 6	Brooks Rupture Appliance Co.	Marshall	Surgical appliances	10	40	50	.....
Nov. 6	Chapman, E. T.	Marshall	Cigars	2	.....	2	.....
Nov. 6	Chesher, Chas. G.	Marshall	Feed	2	.....	2	.....
Nov. 9	Citizens Telephone Co.	Marshall	Telephone service	1	6	7	.....
Nov. 5	City Steam Laundry	Marshall	Laundry	2	7	9	.....
Nov. 9	Clute, Chas. H.	Marshall	Coal and feed	2	.....	2	.....
Nov. 7	Davis, M. H.	Marshall	Shoe repairing	2	.....	2	.....
Nov. 6	Deuel & Buchanan	Marshall	Coal and lumber	1	.....	1	.....
Nov. 9	Eagle Garage	Marshall	Auto repairing	2	.....	2	.....
Nov. 5	Elsie, A. E.	Marshall	Tailoring	4	1	5	.....
Nov. 7	Evening Chronicle, The	Marshall	Printed matter	6	2	8	1
Nov. 9	Ford & Williamson	Marshall	Meats	3	.....	3	.....
Nov. 7	Freed, J. W.	Marshall	Cigars	1	.....	1	.....
Nov. 9	Gauss, C. E.	Marshall	Medicine	3	21	24	.....
Nov. 5	Goff, Miss E. F.	Marshall	Millinery	1	5	6	.....
Nov. 7	Hart, C. W.	Marshall	Lumber	1	.....	1	.....
Nov. 6	Hills' Garage	Marshall	Auto repairing	2	.....	2	.....
Nov. 7	Holmes, Mrs. H. M.	Marshall	Millinery	.....	3	3	.....
Nov. 7	Home Bakery, The	Marshall	Baked goods	2	2	4	.....
Nov. 7	Katz, R. F.	Marshall	Meats	2	.....	2	.....
Nov. 7	Kuechle, J. C.	Marshall	Baked goods	5	.....	5	.....
Nov. 6	Lambert Machine Co.	Marshall	Machinery	25	1	26	.....
Nov. 5	Lamb, G. E. & Son	Marshall	Lumber and coal	3	.....	3	.....
Nov. 6	Lowder, Geo. W.	Marshall	Tinsmith	5	.....	5	.....
Nov. 6	Marshall Castings Co.	Marshall	Castings	84	1	85	.....
Nov. 5	Marshall City Water & Electric Works	Marshall	Light and water	7	2	9	.....
Nov. 5	Marshall Coal & Wood Co.	Marshall	Coal and wood	4	.....	4	.....
Nov. 9	Marshall Creamery Co.	Marshall	Dairy products	2	.....	2	.....
Nov. 6	Marshall Furnace Co.	Marshall	Furnaces	106	8	114	2
Nov. 9	Marshall Garage	Marshall	Auto repairing	2	.....	2	.....
Nov. 7	Marshall Gas Light Co., The	Marshall	Gas and coke	7	1	8	.....
Nov. 7	Marshall Milling Co.	Marshall	Flour and feed	4	.....	4	.....
Nov. 9	Marshall News-Statesman, The	Marshall	Printed matter	4	3	7	1
Nov. 7	Marshall Plumbing & Heating Co.	Marshall	Plumbing	2	.....	2	.....
Nov. 6	Marshall Steam Dye Works	Marshall	Dyeing and cleaning	2	.....	2	.....
Nov. 9	Marshall Tire & Repair Co.	Marshall	Tire repairing	2	.....	2	.....
Nov. 6	Mater & Leyden	Marshall	Plumbing	6	1	7	.....
Nov. 7	Mather, Joe	Marshall	Cigars	1	.....	1	.....
Nov. 6	Merchant, F. W.	Marshall	Hay and grain	1	.....	1	.....
Nov. 5	Michigan Central Railroad Co.	Marshall	Engine repairing	17	.....	17	.....
Nov. 5	Michigan Central Railroad Co.	Marshall	Car repairing	61	.....	61	.....
Nov. 9	Michigan State Telephone Co.	Marshall	Telephone service	4	12	16	.....
Nov. 9	Moll, John	Marshall	Cigars	2	.....	2	.....
Nov. 7	Mumaw Bros.	Marshall	Monuments	4	.....	4	.....
Nov. 5	Peerless Fixtures Co.	Marshall	Store fixtures	67	.....	67	6
Nov. 7	Pyramid Drug Co.	Marshall	Drugs	1	8	9	.....
Nov. 7	Reek & Case	Marshall	Auto repairing	2	.....	2	.....
Nov. 7	Sanitary Market	Marshall	Meats	3	.....	3	.....
Nov. 7	Schnaitman Bros.	Marshall	Meats	3	.....	3	.....
Nov. 9	Schram, T. K.	Marshall	Tailoring	1	.....	1	.....
Nov. 9	Scott, Mrs. R. S.	Marshall	Millinery	.....	3	3	.....
Nov. 5	Simons-Leedle Furnace Co.	Marshall	Furnaces	12	1	13	.....
Nov. 9	Smyth, John R.	Marshall	Job printing	4	1	5	.....
Nov. 6	Standard Printing Co.	Marshall	Job printing	3	1	4	.....
Nov. 7	Star Bakery	Marshall	Baked goods	3	.....	3	.....
Nov. 7	Stuart, F. A.	Marshall	Remedies	9	1	10	.....
Nov. 7	Wolverine Temperature Regulator Co.	Marshall	Thermostats	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CALHOUN CO.—*Con.*						
Nov. 19	Abrams, W. B	Tekonsha	Grain and feed	2	.....	2	.....
Nov. 19	Fix It Garage	Tekonsha	Auto repairing	3	.....	3	.....
Nov. 19	Keep & Martinson	Tekonsha	Lumber and coal	3	.....	3	.....
Nov. 19	Randall, A. H. Mill Co	Tekonsha	Flour and feed	5	1	6	.....
Nov. 19	Randall, H. N	Tekonsha	Produce	27	.....	27	.....
Nov. 19	Scherer, John	Tekonsha	Cider	2	.....	2	.....
Nov. 19	South Bend Creamery Co	Tekonsha	Dairy products	1	.....	1	.....
Nov. 19	Tekonsha News, The	Tekonsha	Printed matter	1	.....	1	.....
Nov. 19	United Electric Co	Tekonsha	Electric supplies	1	.....	1	.....
	CASS COUNTY.						
Nov. 10	Cass Bakery	Cassopolis	Baked goods	3	1	4	.....
Nov. 10	Cass County Home Telephone Co., The	Cassopolis	Telephone service	1	8	9	.....
Nov. 10	Cassopolis Creamery Co	Cassopolis	Dairy products	3	.....	3	.....
Nov. 10	Cassopolis Vigilant, The	Cassopolis	Printed matter	2	1	3	.....
Nov. 10	City Steam Laundry	Cassopolis	Laundry	2	2	4	.....
Nov. 10	Criswell, C. Leon	Cassopolis	Cigars	1	.....	1	.....
Nov. 10	Hayden, W. B. & Sons Co	Cassopolis	Hardware	7	1	8	.....
Nov. 10	Kellogg Switchboard & Supply Co	Cassopolis	Telephone supplies	68	.....	68	.....
Nov. 12	McCabe, Geo. & Son	Cassopolis	Meats	2	.....	2	.....
Nov. 10	Michigan Gas & Electric Co	Cassopolis	Light and power	4	.....	4	.....
Nov. 10	National Democrat, The	Cassopolis	Printed matter	2	.....	2	.....
Nov. 10	Peck Milling & Coal Co	Cassopolis	Feed and fuel	11	.....	11	.....
Nov. 10	Schafer Garage	Cassopolis	Auto repairing	4	.....	4	.....
Nov. 11	Tourje, Fred A	Cassopolis	Meats	3	.....	3	.....
Nov. 10	Waldo, S. D	Cassopolis	Cigars	2	.....	2	.....
Nov. 6	Beckwith Co., The	Dowagiac	Stoves, etc	700	24	724	.....
Nov. 9	Cass County Home Telephone Co., The	Dowagiac	Telephone service	4	5	9	.....
Nov. 8	City Steam Laundry	Dowagiac	Laundry	4	6	10	.....
Nov. 8	Colby Milling Co	Dowagiac	Flour and feed	14	.....	14	.....
Nov. 8	Doll & Murphy	Dowagiac	Dressed lumber	2	.....	2	.....
Nov. 8	Dowagiac Coal & Iron Co	Dowagiac	Produce and coal	6	1	7	.....
Nov. 8	Dowagiac Creamery & Butter Co	Dowagiac	Dairy products	2	.....	2	.....
Nov. 8	Dowagiac Daily News Co., Inc., The	Dowagiac	Printed matter	9	4	13	3
Nov. 7	Dowagiac Drill Co	Dowagiac	Seeding machinery	106	1	107	.....
Nov. 8	Dowagiac Light & Power Co	Dowagiac	Light and power	5	.....	5	.....
Nov. 8	Dowagiac Transfer Co	Dowagiac	Transfer service	4	.....	4	.....
Nov. 7	Dowagiac Water Works Department	Dowagiac	Water and light	6	.....	6	.....
Nov. 8	Dyer, H. H. Co	Dowagiac	Monuments	4	.....	4	.....
Nov. 8	Eckert's City Bakery	Dowagiac	Baked goods	3	1	4	.....
Nov. 8	Heddon's, James Sons	Dowagiac	Fishing bait	28	29	57	.....
Nov. 7	Judd, M. & Son	Dowagiac	Lumber	3	.....	3	.....
Nov. 9	Michigan State Telephone Co	Dowagiac	Telephone service	3	15	18	.....
Nov. 7	Oppenheim, Mark	Dowagiac	Wood and seed	4	.....	4	.....
Nov. 7	Powell Printshop	Dowagiac	Printed matter	1	1	2	.....
Nov. 8	Robinson, E. J	Dowagiac	Furniture repairing	4	.....	4	.....
Nov. 7	Rudy Furnace Co	Dowagiac	Furnaces	81	5	86	.....
Nov. 8	Sanitary Bakery	Dowagiac	Baked goods	2	1	3	.....
Nov. 9	Snell, S. F	Dowagiac	Cigars	2	.....	2	.....
Nov. 8	Townsend & Jarvis	Dowagiac	Meats	2	.....	2	.....
Nov. 8	Upson, C. D	Dowagiac	Auto repairing	5	.....	5	.....
Nov. 6	Hampton Stock Farm Co	Glenwood	Cooperage	38	.....	38	.....
Nov. 6	Mott, E. E	Glenwood	Cider	4	.....	4	.....
Nov. 13	Brown, F. W	Marcellus	Job printing	1	.....	1	.....
Nov. 12	Cass County Home Telephone Co., The	Marcellus	Telephone service	1	3	4	.....
Nov. 12	Chapman, H. L	Marcellus	Gasoline engines	4	.....	4	.....
Nov. 12	McDonald, Willard	Marcellus	Butter tubs	11	.....	11	.....
Nov. 12	Marcellus Electric Light & Water Wks.	Marcellus	Light and water	3	.....	3	.....
Nov. 12	Marcellus Elevator	Marcellus	Grain and feed	2	.....	2	.....
Nov. 12	Marcellus Garage	Marcellus	Auto repairing	1	.....	1	.....
Nov. 12	Marcellus Milling Co., The	Marcellus	Flour and feed	9	1	10	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CASS CO.—*Con.*						
Nov. 13	Marcellus News	Marcellus	Printed matter	1	2	3	.....
Nov. 13	Marcellus Steam Laundry	Marcellus	Laundry	2	1	3	.....
Nov. 13	Marcellus Supply Co	Marcellus	Harness	3	.....	3	.....
Nov. 12	Smith, Isaac M	Marcellus	Lumber and coal	3	.....	3	.....
Nov. 12	Spring Valley Creamery	Marcellus	Dairy products	3	.....	3	.....
Nov. 13	Sweet, L. B. & Son	Marcellus	Meats	3	.....	3	.....
Nov. 8	Phillips, Geo. B	Pokagon	Lumber	31	.....	31	.....
Nov. 12	South Bend Grain Co	Vandalia	Grain	1	.....	1	.....
Nov. 12	Vandalia Creamery	Vandalia	Dairy products	2	.....	2	.....
Nov. 8	Beckwith Co., The	Whitmanville	Light and water	1	.....	1	.....
	CHARLEVOIX COUNTY.						
May 28	Pine Lake Grist Mills	Advance	Flour	3	.....	3	.....
June 20	Cole, Garrett	Beaver Island	Lumber and shingles	9	.....	9	.....
June 20	Gallagher, John S	Beaver Island	Lumber	7	.....	7	.....
June 20	Rector, Wm	Beaver Island	Lumber	3	.....	3	.....
May 26	Bacon, J. E	Boyne City	Blacksmithing	3	.....	3	.....
May 28	Bee Publishing Co., The	Boyne City	Printed matter	2	1	3	.....
May 28	Boisen & Lundgren	Boyne City	Tailoring	2	.....	2	.....
May 26	Boyne City Bottling Works	Boyne City	Soft drinks	2	.....	2	.....
May 23	Boyne City Candy Kitchen	Boyne City	Candy and ice cream	3	1	4	.....
May 25	Boyne City Chemical Co	Boyne City	Forest products	279	.....	279	.....
May 25	Boyne City Chemical Co	Boyne City	Chemicals	135	.....	135	.....
May 25	Boyne City Electric Co	Boyne City	Light and power	6	1	7	.....
May 28	Boyne City Garage	Boyne City	Auto repairing	6	.....	6	.....
May 28	Boyne City, Gaylord & Alpena R. R. Co	Boyne City	Car repairing	43	.....	43	.....
May 26	Boyne City Hardware Co., The	Boyne City	Hardware	5	1	6	1
May 26	Boyne City Lumber Co	Boyne City	Lumber	95	.....	95	4
May 26	Boyne City Lumber Co	Boyne City	Forest products	71	.....	71	.....
May 22	Boyne City Potash Co	Boyne City	Potash and ice	8	.....	8	.....
May 22	Boyne City Publishing Co., The	Boyne City	Printed matter	5	2	7	1
May 26	Boyne City Steam Laundry	Boyne City	Laundry	3	3	6	.....
May 28	Boyne City Water Works	Boyne City	Water	3	.....	3	.....
May 22	Central Meat Market, The	Boyne City	Meats	2	.....	2	.....
May 25	Charcoal Iron Co. of America	Boyne City	Pig iron	64	1	65	.....
May 25	Conrad, I. N. Iron Works, The	Boyne City	Castings	2	.....	2	.....
May 26	Friedly Bros	Boyne City	Cigars	2	.....	2	.....
May 25	Hankey Milling Co	Boyne City	Grain and seed	2	.....	2	.....
May 28	Heaton & Hooper	Boyne City	Auto repairing	3	.....	3	.....
May 28	Herron & Son	Boyne City	Hardware	3	.....	3	.....
May 28	Krantz, Neil	Boyne City	Cigars	1	.....	1	.....
May 28	Marks, Louis	Boyne City	Tailoring	3	.....	3	.....
May 28	Michigan State Telephone Co	Boyne City	Telephone service	1	7	8	.....
May 28	Michigan Tanning & Extract Co	Boyne City	Leather	247	.....	247	.....
May 22	Moore, C. W	Boyne City	Hardware	2	.....	2	.....
May 28	Patterson Millinery Co	Boyne City	Millinery	.....	2	2	.....
May 25	Pine Lake Creamery Co	Boyne City	Dairy products	2	.....	2	.....
May 28	Robinson, P	Boyne City	Blacksmithing	2	.....	2	.....
May 26	Sanitary Meat Market	Boyne City	Meats	3	1	4	1
May 23	Schwensen, Albert	Boyne City	Baked goods	3	2	5	1
May 28	Sheaffer & Co	Boyne City	Harness	3	.....	3	.....
May 22	Tooley & Son	Boyne City	Meats	3	.....	3	.....
May 25	Von Platen, G	Boyne City	Lumber	44	.....	44	1
May 25	Von Platen, G	Boyne City	Forest products	32	.....	32	.....
May 26	Vought, Mrs. J. A	Boyne City	Millinery	.....	2	2	.....
May 23	White, W. H. Co	Boyne City	Forest products	93	.....	93	.....
May 23	White, W. H. Co	Boyne City	Lumber	64	3	67	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CHARLEVOIX CO.—*Con.*						
May 23	White, W. H. Co	Boyne City	Dressed lumber	14	.....	14	.....
May 29	Clark, Fred	Boyne Falls	Blacksmithing	2	.....	2	.....
May 29	Cobbs & Mitchell, Inc	Boyne Falls	Forest products	167	.....	167	.....
May 29	Cobbs & Mitchell, Inc	Boyne Falls	Car repairing	32	.....	32	.....
May 29	Grobaski, D	Boyne Falls	Meats	1	1	2	.....
May 29	Meyer, Herman C	Boyne Falls	Hardware	3	.....	3	.....
May 29	Hankey Milling Co	Boyne Falls	Flour and feed	4	.....	4	.....
June 1	Argo Milling Co	Charlevoix	Flour	9	.....	9	.....
June 2	Beutel Fisheries Co	Charlevoix	Fish	1	1	2	.....
June 1	Blanchard Hardware Co	Charlevoix	Hardware	4	2	6	.....
June 2	Block, Martin	Charlevoix	Meats	7	1	8	.....
June 4	Block, Milton	Charlevoix	Meats	2	.....	2	.....
June 1	Bonthron, Robert R	Charlevoix	Plumbing	4	.....	4	.....
June 1	Booth Fisheries Co	Charlevoix	Fish	5	1	6	.....
May 31	Brown, Benjamin	Charlevoix	Harness	8	.....	8	.....
June 8	Carr, Mrs. H. A	Charlevoix	Millinery	.....	2	2	.....
May 31	Cartier, F. E	Charlevoix	Tailoring	1	1	2	.....
May 31	Central Garage, The	Charlevoix	Auto repairing	7	.....	7	.....
June 2	Charlevoix Boiler Works	Charlevoix	Boiler repairing	3	.....	3	.....
June 1	Charlevoix Coal & Wood Co	Charlevoix	Wood and coal	5	1	6	.....
June 1	Charlevoix Courier, The	Charlevoix	Printed matter	5	.....	5	.....
May 31	Charlevoix Hardware Co., The	Charlevoix	Hardware	3	1	4	.....
June 1	Charlevoix Lumber Co	Charlevoix	Lumber	14	.....	14	.....
June 4	Charlevoix Rock Product Co	Charlevoix	Rock products	22	.....	22	.....
June 1	Charlevoix Sentinel, The	Charlevoix	Printed matter	4	.....	4	.....
June 4	Charlevoix Water & Light Plant	Charlevoix	Water and light	4	1	5	.....
June 2	Chatterton & Son	Charlevoix	Grain and seeds	2	15	17	.....
June 2	Geiken, G. C	Charlevoix	Fish	9	.....	9	.....
June 4	Hooker's Livery & Garage	Charlevoix	Livery and garage	6	1	7	.....
June 2	Jacobs, H. B	Charlevoix	Meats	4	.....	4	.....
June 2	Kirby, John W	Charlevoix	Blacksmithing	2	.....	2	.....
June 1	Klooster, Edward	Charlevoix	Meats	5	.....	5	.....
June 2	McCann's Bakery	Charlevoix	Baked goods	3	1	4	.....
June 2	Mercier, Louis J	Charlevoix	Boats	2	.....	2	.....
June 8	Michigan State Telephone Co	Charlevoix	Telephone service	2	16	18	.....
June 4	Neubert, Chas. A	Charlevoix	Cigars	1	.....	1	.....
June 1	O'Neill, John	Charlevoix	Fish	10	1	11	.....
June 4	Parmelee, W. E	Charlevoix	Lumber	3	.....	3	.....
June 2	Ranger, Roy A	Charlevoix	Boats	4	.....	4	.....
June 1	Sanitary Engineering Co	Charlevoix	Plumbing	3	1	4	.....
June 8	Sears' Park Garage	Charlevoix	Auto repairing	3	.....	3	.....
June 1	Sugar Bowl, The	Charlevoix	Candy	3	1	4	.....
June 19	Troy Steam Laundry	Charlevoix	Laundry	5	13	18	.....
June 2	Washburn, O. S. & Son	Charlevoix	Machine repairing	2	.....	2	.....
June 1	Wood, Mrs. H. B	Charlevoix	Millinery	.....	2	2	.....
May 31	Wood Bros	Charlevoix	Electric supplies	4	.....	4	.....
June 8	Wood Bus Line	Charlevoix	Passenger service	7	1	8	.....
June 11	Adams & Barnett's Garage	East Jordan	Auto repairing	2	.....	2	.....
June 11	Argo Milling Co	East Jordan	Flour, etc	3	.....	3	.....
June 14	Ashley, M. E. & Co	East Jordan	Millinery	.....	3	3	.....
June 12	Bartlett, Austin E	East Jordan	Meats	4	.....	4	.....
June 14	Burdick, Eber L	East Jordan	Meats	3	.....	3	.....
June 11	Charlevoix County Herald, The	East Jordan	Printed matter	1	2	3	.....
June 14	Clark, Everett B. Seed Co	East Jordan	Seeds	8	36	44	.....
June 13	Dickinson, Charles T	East Jordan	Blacksmithing	2	.....	2	.....
June 11	East Jordan Cabinet Co	East Jordan	Library tables	19	1	20	.....
June 13	East Jordan Chemical Co	East Jordan	Chemicals	78	.....	78	.....
June 13	East Jordan Chemical Co	East Jordan	Forest products	203	.....	203	.....
June 12	East Jordan Electric Light & Power Co	East Jordan	Light and power	3	1	4	.....
June 13	East Jordan Furnace Co	East Jordan	Pig iron	46	.....	46	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CHARLEVOIX CO.—*Con.*						
June 11	East Jordan Iron Works	East Jordan	Castings	9	.....	9	.....
June 12	East Jordan Lumber Co., Mill A	East Jordan	Lumber	49	.....	49	.....
June 12	East Jordan Lumber Co., Mill B	East Jordan	Lumber	52	.....	52	.....
June 12	East Jordan Lumber Co	East Jordan	Dressed lumber	10	.....	10	.....
June 12	East Jordan Lumber Co	East Jordan	Forest products	87	.....	87	.....
June 12	East Jordan Lumber Co	East Jordan	Flooring	36	.....	36	.....
June 12	East Jordan & Southern Railroad Co	East Jordan	Car repairing	11	.....	11	.....
June 11	Enterprise Publishing Co	East Jordan	Printed matter	3	.....	3	.....
June 14	Freiberg, A. W	East Jordan	Tailoring	1	1	2	.....
June 12	Giles & Hawkins	East Jordan	Baked goods	2	2	4	.....
June 11	McCool & Mather	East Jordan	Dairy products	3	.....	3	.....
June 11	Mackey, Roscoe	East Jordan	Auto repairing	9	1	10	.....
June 11	Malpass, C. J	East Jordan	Hardware	3	.....	3	.....
June 14	Michigan Central Railroad Co	East Jordan	Car repairing	12	.....	12	.....
June 14	Michigan State Telephone Co	East Jordan	Telephone service	1	4	5	.....
June 12	Reid-Graff Plumbing Co	East Jordan	Plumbing	5	1	6	.....
June 13	Shedina, Chas	East Jordan	Blacksmithing	2	.....	2	.....
June 14	Stroebel Bros	East Jordan	Hardware	3	.....	3	.....
June 14	Sugar Bowl, The	East Jordan	Candy, etc	2	.....	2	.....
June 13	Supernaw Produce & Fuel Co	East Jordan	Farm products	3	.....	3	.....
June 13	Walstad, Anton	East Jordan	Blacksmithing	2	.....	2	.....
June 21	Booth Fisheries Co	St. James	Fish	1	.....	1	.....
June 21	Boyle, Hugh P	St. James	Lumber	6	.....	6	.....
June 21	Lafreniere, Mrs. Sophia	St. James	Lumber and shingles	6	.....	6	.....
June 21	McCann, James	St. James	Fish	11	.....	11	.....
June 21	Malloy, L. J	St. James	Meats	1	.....	1	.....
June 21	Robbins, Charles C	St. James	Fish	3	.....	3	.....
May 31	Northern Lime Co	Superior	Lime	16	.....	16	.....
June 6	Brown's Boat Works & Garage	Walloon Lake	Boats	5	.....	5	.....
June 6	Masters & Hass Boat Co	Walloon Lake	Boats	5	.....	5	.....
June 6	Sheatsley, J. F	Walloon Lake	Lumber	5	.....	5	.....
June 6	Walloon Lake Electric Light Plant	Walloon Lake	Light	2	.....	2	.....
	CHEBOYGAN COUNTY.						
Nov. 15	Campbell Stone Co	Afton	Stone crushing	49	.....	49	.....
Nov. 12	Wollangur, A. T	Beaugrand	Lumber and shingles	16	.....	16	.....
Aug. 30	Barber, Geo. A	Cheboygan	Meats	4	.....	4	.....
Sept. 6	Barber, H	Cheboygan	Meats	3	.....	3	.....
Nov. 9	Bilitske, The Tailor	Cheboygan	Tailoring	1	.....	1	.....
Aug. 30	Blake, H. A. & Son	Cheboygan	Castings	4	.....	4	.....
Aug. 30	Booth Fisheries Co	Cheboygan	Fish	4	.....	4	.....
Sept. 6	Bourrie, Joseph	Cheboygan	Dressed lumber	5	.....	5	.....
Sept. 1	Buerger, Vincent	Cheboygan	Blacksmithing	2	.....	2	.....
Aug. 28	Carmody Creamery	Cheboygan	Dairy products	3	.....	3	.....
Sept. 6	Cheboygan Auto Sales Co	Cheboygan	Auto repairing	2	.....	2	.....
Nov. 9	Cheboygan Candy Co	Cheboygan	Candy	2	1	3	.....
Aug. 28	Cheboygan City Water Works	Cheboygan	Water	5	.....	5	.....
Aug. 31	Cheboygan Daily Tribune, The	Cheboygan	Printed matter	7	1	8	.....
Nov. 10	Cheboygan Democrat	Cheboygan	Printed matter	3	2	5	.....
Aug. 29	Cheboygan Electric Light & Power Co.	Cheboygan	Light and power	10	.....	10	.....
Nov. 9	Cheboygan Flour Mill Co	Cheboygan	Flour	8	1	9	.....
Nov. 10	Cheboygan Gas Light Co	Cheboygan	Gas	4	.....	4	.....
Sept. 4	Cheboygan Granite Co., The	Cheboygan	Monuments	2	.....	2	.....
Aug. 28	Cheboygan Mfg. Co	Cheboygan	Sash, doors, etc	12	.....	12	.....
Sept. 4	Cheboygan Novelty Turning Works, The	Cheboygan	Turned goods	20	.....	20	.....
Aug. 31	Cheboygan Paper Co	Cheboygan	Paper	316	10	326	.....
Nov. 14	Cheboygan Stave Co	Cheboygan	Staves	18	.....	18	.....
Nov. 13	Chimner, Peter	Cheboygan	Farm implements	2	.....	2	.....
Aug. 28	Cobb, C. A	Cheboygan	Fruit and produce	4	2	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CHEBOYGAN CO.—*Con.*						
Nov. 10	Dock, Arthur	Cheboygan	Coal and wood	4	1	5	.....
Nov. 10	Dore, Cephas	Cheboygan	Blacksmithing	2	.....	2	.....
Nov. 14	Drake, Chas	Cheboygan	Meats	2	.....	2	.....
Aug. 28	Eilers, Frank H	Cheboygan	Baked goods	1	.....	1	.....
Sept. 5	Embury-Martin Lumber Co., Inc	Cheboygan	Lumber and shingles	76	1	77	1
Aug. 29	Fisher, J. E	Cheboygan	Meats	4	.....	4	.....
Aug. 29	Garrow, J. A	Cheboygan	Meats	3	.....	3	.....
Sept. 1	Hayes Bros	Cheboygan	Cigars	1	.....	1	.....
Nov. 13	Hilborn, J. R	Cheboygan	Fish	16	.....	16	.....
Nov. 9	Herbison, Anna	Cheboygan	Millinery	.....	2	2	.....
Aug. 29	Hohler, F. J	Cheboygan	Baked goods	4	.....	4	.....
Aug. 29	"Hub" Dry Cleaning Works, The	Cheboygan	Dry cleaning	1	2	3	.....
Nov. 10	Jackson Ice Cream Plant	Cheboygan	Ice cream	4	.....	4	.....
Sept. 4	Johns, C. E. Auto Co	Cheboygan	Auto repairing	7	.....	7	.....
Nov. 9	Johns, Mrs. Minnis	Cheboygan	Millinery	.....	2	2	.....
Sept. 9	Jones & Wheelock	Cheboygan	Auto repairing	5	.....	5	.....
Nov. 13	Keeney, N. B. & Son	Cheboygan	Seeds	2	.....	2	.....
Aug. 28	Leishman, J. R	Cheboygan	Meats	3	.....	3	.....
Nov. 9	Levine, M. & Co	Cheboygan	Hides and furs	2	1	3	.....
Sept. 9	Lund, J. B. & Sons	Cheboygan	Castings	14	.....	14	.....
Nov. 9	McGrath, J. P	Cheboygan	Upholstering	1	.....	1	.....
Sept. 5	McMullen Printing Co	Cheboygan	Job printing	1	1	2	.....
Sept. 6	Michigan State Telephone Co	Cheboygan	Telephone service	5	9	14	.....
Aug. 30	Ming, F. R	Cheboygan	Livery service	2	.....	2	.....
Nov. 12	Moloney, Joseph P	Cheboygan	Beer	2	.....	2	.....
Aug. 30	Murphy, Joseph J	Cheboygan	Cigars	2	.....	2	.....
Nov. 13	Morrow, Mrs. A	Cheboygan	Millinery	.....	1	1	.....
Sept. 4	Palace Livery	Cheboygan	Livery service	3	.....	3	.....
Aug. 31	Peets, Henry	Cheboygan	Plumbing	2	1	3	.....
Aug. 28	Pfister & Vogel Leather Co	Cheboygan	Leather	194	2	196	3
Nov. 13	Portelance, H	Cheboygan	Blacksmithing	2	.....	2	.....
Aug. 29	Schulz Bros	Cheboygan	Auto repairing	3	.....	3	.....
Aug. 28	Schwartz Bros. & Co. Boiler Works	Cheboygan	Boilers	12	.....	12	.....
Sept. 6	Simpson, J. H	Cheboygan	Livery service	4	.....	4	.....
Nov. 10	Standard Oil Co	Cheboygan	Oils	2	.....	2	.....
Sept. 4	Star Steam Laundry	Cheboygan	Laundry	4	15	19	.....
Sept. 4	Taunt, H. J	Cheboygan	Cigars	1	.....	1	.....
Nov. 10	Thompson, Geo. W	Cheboygan	Building supplies	5	.....	5	.....
Aug. 29	Tuttle, J. E	Cheboygan	Harness	1	.....	1	.....
Nov. 12	Walton, Miss E. G	Cheboygan	Millinery	.....	2	2	.....
Sept. 7	Liebeck, L. H	Mackinaw City	Meats	2	.....	2	.....
Sept. 7	Mackinaw City Repair Shop	Mackinaw City	Car repairing	27	4	31	.....
Sept. 7	Michigan Central Railroad Co	Mackinaw City	Car repairing	7	.....	7	.....
Nov. 12	Wolf Bros	Monro	Lumber	9	.....	9	.....
Nov. 15	Carpenter, W. E	Topinabee	Lumber	16	.....	16	.....
Sept. 8	Beebe, Frank	Wolverine	Livery service	2	.....	2	.....
Sept. 8	House, A	Wolverine	Blacksmithing	2	.....	2	.....
Nov. 16	Mackinsen Bros	Wolverine	Shingles	17	.....	17	.....
Sept. 8	Michigan State Telephone Co	Wolverine	Telephone service	1	1	2	.....
Nov. 16	Preston & Sowton	Wolverine	Light and power	2	.....	2	.....
Nov. 16	Sterling, J. M	Wolverine	Blacksmithing	1	.....	1	.....
Sept. 8	Welcomb, James	Wolverine	Meats	2	.....	2	.....
Sept. 8	Wolverine Courier, The	Wolverine	Printed matter	1	.....	1	.....
Sept. 8	Wolverine Creamery Co	Wolverine	Dairy products	1	.....	1	.....
Sept. 8	Wolverine Garage	Wolverine	Auto repairing	2	.....	2	.....
Nov. 16	Wolverine Mfg. Co	Wolverine	Building material	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CHIPPEWA COUNTY.						
Jan. 29	Brimley Creamery	Brimley	Dairy products	2	.....	2	.....
Jan. 29	Keller, G. R.	Brimley	Blacksmithing	1	.....	1	.....
Jan. 29	Reinhard, A. W.	Brimley	Produce and grain	2	.....	2	.....
Jan. 29	Thompson & Washburn	Brimley	Dairy products	2	.....	2	.....
Jan. 29	Detour Dock Co., The	DeTour	Coal	31	.....	31	.....
Jan. 30	DeTour Meat Market	DeTour	Meats	2	.....	2	.....
Jan. 29	Konkle, L. H.	DeTour	Lumber	7	.....	7	.....
Jan. 29	Watson, T. H.	DeTour	Coal	9	.....	9	.....
Jan. 29	Wilkie, H. L.	DeTour	Blacksmithing	3	.....	3	.....
Jan. 29	Young, Toney	DeTour	Lumber	6	.....	6	.....
Jan. 31	McKee, R.	Donaldson	Lumber and shingles	7	.....	7	.....
Jan. 30	Dowd Bros.	Fibre	Lumber	12	.....	12	.....
Jan. 30	Wenzel Lumber Co., The	Fibre	Lumber	25	.....	25	.....
Jan. 31	Kreatan Co.	Johnswood	Lumber	116	2	118	1
Jan. 31	Kreatan Co.	Johnswood	Lumber	113	.....	113	.....
Jan. 31	Carr, Hugh	Pickford	Blacksmithing	2	.....	2	.....
Jan. 31	McDonald, I. D.	Pickford	Lumber	3	.....	3	.....
Jan. 31	Pickford Clarion, The	Pickford	Printed matter	1	3	4	.....
Jan. 31	Pickford Roller Mills	Pickford	Flour	3	1	4	.....
Jan. 31	Roe, Adam	Pickford	Blacksmithing	3	.....	3	.....
Jan. 31	Roe, O. S.	Pickford	Blacksmithing	2	.....	2	.....
Jan. 31	Taylor, Fred	Pickford	Hardware	8	.....	8	.....
Jan. 27	Murner, W. H.	Raber	Lumber	77	.....	77	.....
Jan. 27	Murner, W. H.	Raber	Lumber	42	.....	42	.....
Jan. 29	Richardson & Avery Co.	Raco	Lumber	55	1	56	1
Jan. 29	Richardson & Avery Co.	Raco	Forest products	83	.....	83	.....
Jan. 14	Harms, Andrew	Rudyard	Blacksmithing	2	.....	2	.....
Jan. 14	Isaac, William	Rudyard	Meats	1	.....	1	.....
Jan. 14	Johnson, M. J.	Rudyard	Blacksmithing	3	.....	3	.....
Jan. 14	Thornton Bros. Brick Co.	Rudyard	Brick and tile	37	.....	37	1
Jan. 14	Williams, C. E.	Rudyard	Lumber	25	1	26	.....
Jan. 11	Agnew, Thos. R.	Sault Ste. Marie.	Meats	2	.....	2	.....
Jan. 9	Barry, E. J.	Sault Ste. Marie.	Dyeing and cleaning	2	1	3	.....
Jan. 11	Barton Bros.	Sault Ste. Marie.	Plumbing	3	1	4	.....
Jan. 9	Beckingham, Charles	Sault Ste. Marie.	Plumbing	5	1	6	1
Jan. 14	Booth Bros.	Sault Ste. Marie.	Coal and wood	6	2	8	.....
Jan. 24	Booth, Geo. K.	Sault Ste. Marie.	Candy and fruit	2	.....	2	.....
Jan. 23	Booth Fisheries Co.	Sault Ste. Marie.	Fish	8	1	9	.....
Jan. 9	Booth-Newton Co.	Sault Ste. Marie.	Produce, fruit, etc.	10	1	11	.....
Jan. 12	California Fruit Store	Sault Ste. Marie.	Candy	4	2	6	1
Jan. 11	Callaghan, Frank	Sault Ste. Marie.	Meats	2	.....	2	.....
Jan. 22	Cameron Bros.	Sault Ste. Marie.	Meats	3	1	4	.....
Jan. 23	Central Ice Cream Parlor	Sault Ste. Marie.	Candy	3	.....	3	.....
Jan. 10	Chippewa Automobile Co.	Sault Ste. Marie.	Auto repairing	3	1	4	.....
Jan. 9	Comb, A. M.	Sault Ste. Marie.	Baked goods	6	1	7	.....
Jan. 14	Connolly Mfg. Co.	Sault Ste. Marie.	Harness	8	3	11	.....
Jan. 18	Cornwell Co., The	Sault Ste. Marie.	Provisions	8	3	11	.....
Jan. 14	Crisp Laundry Co.	Sault Ste. Marie.	Laundry	7	21	28	.....
Jan. 21	Daniels Co., The	Sault Ste. Marie.	Contracting	255	.....	255	.....
Jan. 9	Dickson, W. H.	Sault Ste. Marie.	Livery service	5	1	6	.....
Jan. 18	Dingman Transfer Line	Sault Ste. Marie.	Passenger service	5	.....	5	.....
Jan. 17	Duluth, South Shore & Atlantic Railway Co.	Sault Ste. Marie.	Car repairing	34	.....	34	.....
Jan. 17	Duluth, South Shore & Atlantic Railway Co.	Sault Ste. Marie.	Freight	15	6	21	.....
Jan. 15	Eddy, A. H.	Sault Ste. Marie.	Baked goods	4	.....	4	.....
Jan. 15	Eddy, A. H.	Sault Ste. Marie.	Meats	2	.....	2	.....
Jan. 10	Edison Sault Electric Co.	Sault Ste. Marie.	Light and power	29	4	33	.....
Jan. 22	Feetham, W. T.	Sault Ste. Marie.	Jewelry	3	1	4	.....
Jan. 18	Gamble-Robinson-Shaw Co.	Sault Ste. Marie.	Produce	9	1	10	.....
Jan. 10	Gerrie Press, The	Sault Ste. Marie.	Printing and engraving	2	1	3	.....
Jan. 12	Gianakura Bros.	Sault Ste. Marie.	Ice cream, etc.	2	1	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CHIPPEWA CO.—*Con.*						
Jan. 10	Gowan Hardware Co	Sault Ste. Marie.	Hardware	8	1	9	1
Jan. 18	Great Lakes Dredge & Dock Co	Sault Ste. Marie.	Marine contracting	162	3	165	.....
Jan. 11	Great Lakes Laundry Co	Sault Ste. Marie.	Laundry	11	23	34	.....
Jan. 15	Harrison, D. E	Sault Ste. Marie.	Sheet metal	7	.....	7	.....
Jan. 10	Hat Shop, The	Sault Ste. Marie.	Millinery	.....	2	2	.....
Jan. 18	Hewett Grain & Provision Co	Sault Ste. Marie.	Provisions	3	1	4	.....
Jan. 16	Hickler Bros	Sault Ste. Marie.	Castings	39	.....	39	.....
Jan. 16	Hickler Bros	Sault Ste. Marie.	Ship repairing	16	.....	16	.....
Jan. 15	Hill's City & Marine Bakery	Sault Ste. Marie.	Baked goods	4	1	5	.....
Jan. 17	Holland Furnace Co	Sault Ste. Marie.	Furnaces	4	1	5	.....
Jan. 11	Hyman, A. S	Sault Ste. Marie.	Tailoring	6	1	7	.....
Jan. 26	Jean, A. J	Sault Ste. Marie.	Jewelry	2	.....	2	.....
Jan. 17	Jensen, J. C	Sault Ste. Marie.	Tailoring	2	.....	2	.....
Jan. 16	Kaine Boiler & Sheet Metal Works	Sault Ste. Marie.	Boilers	7	.....	7	.....
Jan. 22	Kelly Lumber Co	Sault Ste, Marie.	Lumber	28	.....	28	.....
Jan. 9	Kemp Bros. Coal Co	Sault Ste. Marie.	Coal	9	1	10	.....
Jan. 18	Kemp, Lewis D	Sault Ste. Marie.	Lime and cement	3	.....	3	.....
Jan. 22	King, B. W	Sault Ste. Marie.	Machine repairing	6	.....	6	.....
Jan. 16	Kirvan, Gus	Sault Ste. Marie.	Blacksmithing	1	.....	1	.....
Jan. 19	Lake Superior Granite & Marble Works	Sault Ste. Marie.	Monuments	2	.....	2	.....
Jan. 12	Laurie, Geo. J	Sault Ste. Marie.	Cigars	5	1	6	1
Jan. 22	Lipsett, J. L	Sault Ste. Marie.	Machinery	7	.....	7	.....
Jan. 11	Lock City Laundry	Sault Ste. Marie.	Laundry	3	.....	3	.....
Jan. 17	Lock City Mfg. Co., Ltd	Sault Ste. Marie.	Sash, doors, etc	11	.....	11	.....
Jan. 17	Lock City Carriage & Wagon Works	Sault Ste. Marie.	Wood and iron work	3	.....	3	.....
Jan. 18	MacLachlin Bros. Co	Sault Ste. Marie.	Flour and feed	8	2	10	.....
Jan. 12	McKelvie, James	Sault Ste. Marie.	Blacksmithing	2	.....	2	.....
Jan. 16	McKenzie, Neil	Sault Ste. Marie.	Shoe repairing	2	.....	2	.....
Jan. 10	Madigan, John A	Sault Ste. Marie.	Tailoring	1	1	2	.....
Jan. 11	Martin, Norman L	Sault Ste. Marie.	Job printing	2	.....	2	.....
Jan. 9	Merrifield, J. R	Sault Ste. Marie.	Cigars	6	2	8	.....
Jan. 19	Michigan Northern Power Co	Sault Ste. Marie.	Electricity	58	.....	58	.....
Jan. 16	Michigan State Telephone Co	Sault Ste. Marie.	Telephone service	5	20	25	.....
Jan. 19	Minneapolis Brewing Co	Sault Ste. Marie.	Beer	2	1	3	.....
Jan. 17	Minneapolis, St. Paul & Sault Ste. Marie Railway Co	Sault Ste. Marie.	Freight	15	6	21	.....
Jan. 14	Model, The	Sault Ste. Marie.	Custom clothing	2	.....	2	.....
Jan. 15	Model Bakery	Sault Ste. Marie.	Baked goods	6	.....	6	.....
Jan. 14	Model Meat Market	Sault Ste. Marie.	Meats	2	.....	2	.....
Jan. 17	Moher Meat & Provision Co., The	Sault Ste. Marie.	Meats	3	.....	3	.....
Jan. 17	Moher Meat & Provision Co., The	Sault Ste. Marie.	Meats	8	1	9	.....
Jan. 12	Moles, C. A	Sault Ste. Marie.	Blacksmithing	3	.....	3	.....
Jan. 23	Moutsatson, N	Sault Ste. Marie.	Candy	3	.....	3	.....
Jan. 12	National Grocer Co	Sault Ste. Marie.	Groceries	13	3	16	.....
Jan. 16	Northern Electric Co	Sault Ste. Marie.	Electrical supplies	10	.....	10	.....
Jan. 14	Northwestern Leather Co	Sault Ste. Marie.	Leather	372	2	374	.....
Jan. 22	O'Neill, W. H	Sault Ste. Marie.	Hardware	3	1	4	.....
Jan. 15	Partridge, E. T	Sault Ste. Marie.	Plumbing	3	1	4	.....
Jan. 15	Partridge & Shunk	Sault Ste. Marie.	Auto repairing	4	.....	4	.....
Jan. 11	Pingatore, Eugene	Sault Ste. Marie.	Custom clothing	2	.....	2	.....
Jan. 19	Pintsch Compressing Co	Sault Ste. Marie.	Gas	2	.....	2	.....
Jan. 19	Pittsburgh Steamship Co	Sault Ste. Marie.	Marine supplies	22	.....	22	.....
Jan. 18	Raymond Furniture Co., The	Sault Ste. Marie.	Furniture	5	2	7	.....
Jan. 19	Richards, Alf. Ice Co	Sault Ste. Marie.	Ice	8	1	9	.....
Jan. 16	Robertson's Shoe Shop	Sault Ste. Marie.	Shoe repairing	4	.....	4	.....
Jan. 10	Royal Meat Market	Sault Ste. Marie.	Meats	2	.....	2	.....
Jan. 26	Salo, John	Sault Ste. Marie.	Meats	2	.....	2	.....
Jan. 9	Sault News Printing Co	Sault Ste. Marie.	Printed matter	21	8	29	3
Jan. 12	Sault Ste. Marie Gas & Electric Co	Sault Ste. Marie.	Gas	7	1	8	.....
Jan. 17	Sault Ste. Marie Water Works	Sault Ste. Marie.	Water	18	.....	18	.....
Jan. 14	Sawyers, Hal S	Sault Ste. Marie.	Draying	2	1	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CHIPPEWA CO.—*Con.*						
Jan. 11	Schiff, Simon	Sault Ste. Marie.	Custom clothing	2	1	3	.....
Jan. 12	Schiminus, Joseph	Sault Ste. Marie.	Tailoring	2	.....	2	.....
Jan. 22	Silberberg Bros	Sault Ste. Marie.	Tailoring	2	.....	2	.....
Jan. 12	Skidmore, S. C	Sault Ste. Marie.	Meats	2	.....	2	.....
Jan. 15	Soo Bottling Works	Sault Ste. Marie.	Soft drinks	3	.....	3	.....
Jan. 16	Soo Brewing Co	Sault Ste. Marie.	Beer	16	.....	16	.....
Jan. 26	Soo Granite & Marble Works	Sault Ste. Marie.	Monuments	2	.....	2	.....
Jan. 12	Soo Hardware Co., The	Sault Ste. Marie.	Hardware	26	8	34	1
Jan. 9	Soo Hardware Co., The	Sault Ste. Marie.	Hardware	3	.....	3	.....
Jan. 18	Soo Lumber Co., The	Sault Ste. Marie.	Lumber	15	.....	15	.....
Jan. 9	Soo Machine & Auto Co	Sault Ste. Marie.	Auto repairing	9	1	10	.....
Jan. 11	Soo Meat Market	Sault Ste. Marie.	Meats	2	.....	2	.....
Jan. 14	Soo Times, The	Sault Ste. Marie.	Printed matter	3	1	4	.....
Jan. 10	Soo Woolen Mills	Sault Ste. Marie.	Woolen goods	14	41	55	1
Jan. 24	Sprague, W. B	Sault Ste. Marie.	Candy, etc	2	7	9	.....
Jan. 18	Standard Oil Co	Sault Ste. Marie.	Oils	4	.....	4	.....
Jan. 12	Stephens, Mrs. J	Sault Ste. Marie.	Millinery	.....	2	2	.....
Jan. 10	Sundley, Mrs. L	Sault Ste. Marie.	Millinery	.....	2	2	.....
Jan. 22	Thoenen, C. J	Sault Ste. Marie.	Hardware	1	1	2	.....
Jan. 23	Trans-St. Mary's Traction Co	Sault Ste. Marie.	Passenger service	14	1	15	.....
Jan. 19	Tymon Lumber Co	Sault Ste. Marie.	Lumber	9	.....	9	.....
Jan. 15	Union Carbide Co	Sault Ste. Marie.	Calcium carbide	709	5	714	1
Jan. 26	Wynn Auto Sales Co	Sault Ste. Marie.	Auto repairing	2	.....	2	.....
Jan. 30	Michigan Forest Products Co	Strongs	Forest products	51	.....	51	.....
Jan. 30	Michigan Forest Products Co	Strongs	Lumber	45	.....	45	.....
Feb. 2	Furlong, P. M	Trout Lake	Forest products	11	.....	11	.....
Feb. 2	Kramer & Crego Co	Trout Lake	Forest products	6	1	7	.....
Feb. 2	Smith, G. M. & Co	Trout Lake	Meats	3	.....	3	.....
	CLARE COUNTY.						
Nov. 15	Allen & Manee	Clare	Meats	2	.....	2	.....
Nov. 14	Bryant, Geo	Clare	Blacksmithing	2	.....	2	.....
Nov. 15	Central Gas Co	Clare	Gas	2	1	3	.....
Nov. 14	Central Michigan Light & Power Co	Clare	Light and power	4	.....	4	.....
Nov. 14	Clare City Mills	Clare	Flour and feed	3	1	4	.....
Nov. 15	Clare Courier	Clare	Printed matter	3	3	6	.....
Nov. 14	Clare Crate Works	Clare	Poultry crates, etc	7	.....	7	.....
Nov. 14	Clare Elevator Co	Clare	Grain and beans	4	7	11	.....
Nov. 14	Clare Hay, Grain & Bean Co	Clare	Grain and beans	4	16	20	.....
Nov. 14	Clare Sentinel, The	Clare	Printed matter	4	4	8	.....
Nov. 14	Dawson Cigar Co	Clare	Cigars	2	.....	2	.....
Nov. 14	Crouse, Daniel	Clare	Blacksmithing	2	.....	2	.....
Nov. 14	Farmers' Independent Produce Co	Clare	Produce	2	1	3	.....
Nov. 15	Faught, Samuel	Clare	Plumbing	2	.....	2	.....
Nov. 15	Foss, J. E. & Sons	Clare	Baked goods	3	.....	3	.....
Nov. 14	Halstead, Lillian	Clare	Millinery	.....	2	2	.....
Nov. 15	Hampton, I. E	Clare	Auto repairing	4	.....	4	.....
Nov. 14	Hanley Bros	Clare	Produce	2	.....	2	.....
Nov. 15	Jackson, L. W. & F	Clare	Meats	3	.....	3	.....
Nov. 14	Jones, H. W	Clare	Custom clothing	1	.....	1	.....
Nov. 14	Lange, Wm	Clare	Shoe repairing	2	.....	2	.....
Nov. 15	List Mfg. Co., The	Clare	Linotype cleaners	2	.....	2	.....
Nov. 14	McKinnon, Archie	Clare	Blacksmithing	1	.....	1	.....
Nov. 14	McNeill, W. L	Clare	Blacksmithing	2	.....	2	.....
Nov. 14	Michigan State Telephone Co	Clare	Telephone service	2	10	12	.....
Nov. 15	Schunk, T	Clare	Auto repairing	2	.....	2	.....
Nov. 15	Shumway, L. M	Clare	Produce	1	.....	1	.....
Nov. 14	Smalley Bros	Clare	General repairing	2	.....	2	.....
Nov. 14	Terwilliger, Grant	Clare	Harness	1	.....	1	.....
Nov. 15	Verdeer, W. & Co	Clare	Baked goods	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CLARE CO.—*Con.*						
Nov. 14	Westfield & Fall River Lumber Co.	Clare	Lumber	2	1	3	.....
Nov. 15	Whitlock, C. & N.	Clare	Millinery	.....	2	2	.....
Nov. 14	Bingham, F. E.	Farwell	Auto repairing	2	.....	2	.....
Nov. 14	Farwell Lumber Co.	Farwell	Lumber	2	.....	2	.....
Nov. 14	Fuller, W. C.	Farwell	Grain and beans	5	1	6	.....
Nov. 14	Lewellyn Bean Co.	Farwell	Grain and beans	1	.....	1	.....
Nov. 14	McNeil, H. L.	Farwell	Blacksmithing	2	.....	2	.....
Nov. 14	Stinchcomb, J. H.	Farwell	Meats	1	.....	1	.....
Nov. 16	Clare County Cleaver, The	Harrison	Printed matter	1	1	2	.....
Nov. 16	Harrison Elevator Co.	Harrison	Grain and beans	3	.....	3	.....
Nov. 16	Municipal Light & Water Plant	Harrison	Light and water	2	.....	2	.....
	CLINTON COUNTY.						
Aug. 21	Cushman, S. & Son Co.	Bath	Grain and beans	4	16	20	.....
Aug. 21	Detluff, Albert	Bath	Blacksmithing	1	.....	1	.....
Aug. 18	Breisch & Co.	Dewitt	Grain and beans	2	.....	2	.....
Aug. 18	Calder, Frank	Dewitt	Blacksmithing	2	.....	2	.....
Aug. 18	Dewitt Cheese Factory	Dewitt	Cheese	2	.....	2	.....
Aug. 18	Kraas, W. F.	Dewitt	Lumber and coal	2	.....	2	.....
Aug. 18	Linn, D. J.	Dewitt	Auto repairing	2	.....	2	.....
Aug. 21	Balderson, F. A. & Co.	Eagle	Grain and beans	3	10	13	.....
Aug. 21	DeLaVeigne, C. L.	Eagle	Blacksmithing	1	.....	1	.....
Aug. 22	Besley, B. M.	Elsie	Blacksmithing	2	.....	2	.....
Aug. 22	Conklin, Claude	Elsie	Meats	2	.....	2	.....
Aug. 22	Curtis, L. W.	Elsie	Grain and coal	2	.....	2	.....
Aug. 22	Ekenberg Co., The	Elsie	Powdered milk	31	6	37	.....
Aug. 22	Elsie Electric Light Plant	Elsie	Light	2	.....	2	.....
Aug. 22	Elsie Roller Mills	Elsie	Flour and feed	2	.....	2	.....
Aug. 22	Elsie Sun, The	Elsie	Printed matter	1	1	2	.....
Aug. 22	Garrett & Wooley	Elsie	Meats	3	.....	3	.....
Aug. 22	Hankins Bros.	Elsie	Coal and grain	5	20	25	.....
Aug. 22	Harris Lumber & Coal Co.	Elsie	Lumber and coal	1	.....	1	.....
Aug. 22	Scofield & Johnson	Elsie	Auto repairing	3	.....	3	.....
Aug. 22	Sheldon, C. M. & Son	Elsie	Auto repairing	3	.....	3	.....
Aug. 22	Eureka Cheese Co.	Eureka	Cheese	2	.....	2	.....
Aug. 22	Kirby & Miller	Eureka	Blacksmithing	2	.....	2	.....
Aug. 23	Fowler Creamery Co.	Fowler	Dairy products	2	1	3	.....
Aug. 25	Fowler Garage	Fowler	Auto repairing	3	.....	3	.....
Aug. 23	Fowler Roller Mills	Fowler	Flour and feed	3	.....	3	.....
Aug. 23	Snyder Bros.	Fowler	Meats	2	.....	2	.....
Aug. 23	Sturgis & Sons	Fowler	Grain and beans	6	2	8	.....
Aug. 23	Wieber, A. & Son	Fowler	Lumber	3	.....	3	.....
Aug. 23	Casterline, Fred G.	Maple Rapids	Farm implements and electric lights	2	.....	2	.....
Aug. 22	Hastings & Frisbie	Maple Rapids	Meats	2	.....	2	.....
Aug. 23	Hoerner, Geo. M.	Maple Rapids	Blacksmithing	2	.....	2	.....
Aug. 23	Libby, McNeill & Libby	Maple Rapids	Milk	2	.....	2	.....
Aug. 23	Maple Rapids Mills	Maple Rapids	Flour and feed	2	.....	2	.....
Aug. 23	Maple Rapids Print Shop, The	Maple Rapids	Job printing	1	1	2	.....
Aug. 23	Price, S.	Maple Rapids	Blacksmithing	1	.....	1	.....
Aug. 23	Wood, S. E.	Maple Rapids	Potash	6	.....	6	.....
Aug. 23	Wright & Britten	Maple Rapids	Auto repairing	4	.....	4	.....
Aug. 24	Bensinger, Joel	Ovid	Handles, etc.	6	.....	6	.....
Aug. 24	Cole, W. E.	Ovid	Blacksmithing	1	.....	1	.....
Aug. 24	Cross, E. E.	Ovid	Auto repairing	1	.....	1	.....
Aug. 22	Ekenberg Co., The	Ovid	Condensed milk	5	.....	5	.....
Aug. 24	Grost, Albert	Ovid	Blacksmithing	1	.....	1	.....
Aug. 24	Harris Lumber & Coal Co.	Ovid	Lumber and coal	3	1	4	.....
Aug. 24	Leland, E. C.	Ovid	Auto repairing	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CLINTON CO.—*Con.*						
Aug. 24	Meehan, Mrs. F. J.	Ovid	Millinery	.....	2	2	.....
Aug. 24	Morse & Sheldon	Ovid	Meats	3	.....	3	.....
Aug. 24	Ovid Electric Light & Water Works	Ovid	Light and water	3	.....	3	.....
Aug. 24	Ovid Register-Union	Ovid	Printing	1	1	2	.....
Aug. 24	Ovid Roller Mills	Ovid	Flour and feed	6	.....	6	.....
Aug. 24	Smith, E. C.	Ovid	Grain and beans	3	23	26	.....
Aug. 24	Stowell, E. Co.	Ovid	Meats	2	.....	2	.....
Aug. 24	Vaughan, L. H.	Ovid	Seeds	6	15	21	.....
Aug. 17	Bishop's Clinton Creamery	St. Johns	Dairy products	4	.....	4	.....
Aug. 25	Britton & Walker	St. Johns	Farm implements & cream	2	.....	2	.....
Aug. 28	Clinton Republican, The	St. Johns	Printed matter	6	3	9	.....
Aug. 25	Clinton Telephone Co.	St. Johns	Telephone service	3	6	9	.....
Aug. 16	Danley, Byron	St. Johns	Produce	9	.....	9	.....
Aug. 16	Dewitt, O. P. & Son	St. Johns	Groceries	11	3	14	.....
Aug. 17	Dimond, Geo. F. & Co.	St. Johns	Grain and beans	6	30	36	.....
Aug. 25	Durkee, Miss S. C.	St. Johns	Millinery	.....	5	5	.....
Aug. 17	Fehrenbach Market	St. Johns	Meats	3	.....	3	.....
Aug. 17	Fletcher, Geo. G.	St. Johns	Blacksmithing	2	.....	2	.....
Aug. 25	Fowler & Ball	St. Johns	Plumbing	8	.....	8	.....
Aug. 21	Georgia, Fred D.	St. Johns	Meats	3	.....	3	.....
Aug. 20	Harmon & Foltz	St. Johns	Flour and feed	3	.....	3	.....
Aug. 16	Hayes Motor Truck Wheel Co.	St. Johns	Truck wheels	190	17	207	2
Aug. 17	Hendershott, Frank	St. Johns	Cigars	5	2	7	.....
Aug. 25	Hicks, John	St. Johns	Coal, grain, etc.	6	20	26	.....
Aug. 17	Hoerner, H. M. & Son	St. Johns	Meats	2	.....	2	.....
Aug. 16	Industrial Foundry Co.	St. Johns	Castings	26	.....	26	.....
Aug. 20	Johnson Steam Laundry	St. Johns	Laundry	1	2	3	.....
Aug. 16	Mason, F. C. & Co.	St. Johns	Farm implements	23	4	27	2
Aug. 17	Moss, W. J. Auto Co.	St. Johns	Auto repairing	5	.....	5	.....
Aug. 20	Murray, W. J.	St. Johns	Baked goods	3	1	4	.....
Aug. 25	Mutual Gas Co.	St. Johns	Gas	5	.....	5	.....
Aug. 17	Parr Lumber Co.	St. Johns	Lumber	12	1	13	.....
Aug. 17	Pierson, L. B.	St. Johns	Feed and seeds	2	.....	2	.....
Aug. 20	Putt & Thomas	St. Johns	Baked goods	5	1	6	.....
Aug. 17	Richmond & Holmes	St. Johns	Machine repairing	6	.....	6	.....
Aug. 17	St. Johns Electric & Water Works	St. Johns	Light and water	10	.....	10	.....
Aug. 20	St. Johns Granite Co.	St. Johns	Monuments	3	1	4	.....
Aug. 20	St. Johns News	St. Johns	Printed matter	4	4	8	.....
Aug. 16	St. Johns Portable Building Co., The	St. Johns	Portable buildings	32	1	33	.....
Aug. 25	St. Johns Steam Laundry	St. Johns	Laundry	2	3	5	.....
Aug. 20	Shaffer, S. N.	St. Johns	Auto repairing	2	.....	2	.....
Aug. 20	Shaw, Robert H.	St. Johns	Harness	2	.....	2	.....
Aug. 17	Smith, A. T.	St. Johns	Auto repairing	6	1	7	.....
Aug. 17	Sprague & Ward	St. Johns	Grain and flour	5	.....	5	.....
Aug. 20	Stephan, Con.	St. Johns	Cigars	5	2	7	.....
Aug. 20	Stevens, Mrs. E. N.	St. Johns	Millinery	1	5	6	.....
Aug. 25	Clinton Auto Sales Co.	St. Johns	Auto repairing	3	.....	3	.....
Aug. 20	Union Telephone Co., The	St. Johns	Telephone service	3	10	13	.....
Aug. 17	Waters & Crowner Granite Mfg. Co.	St. Johns	Monuments	6	.....	6	.....
Aug. 20	Zavits, L. W.	St. Johns	Meats	3	.....	3	.....
Aug. 23	Belen, Matt	Westphalia	Meats	2	.....	2	.....
Aug. 23	Westphalia Creamery, The	Westphalia	Dairy products	4	1	5	.....
Aug. 23	Westphalia Milling Co.	Westphalia	Flour and feed	2	.....	2	.....
	CRAWFORD COUNTY.						
Nov. 27	Burke, George	Frederic	Auto repairing	2	.....	2	.....
Nov. 27	Walsh Mfg. Co.	Frederic	Headings	55	.....	55	.....
Nov. 28	American Express Co.	Grayling	Express service	2	.....	2	.....
Sept. 24	Benson, John	Grayling	Auto repairing	2	.....	2	.....
Sept. 24	Burke's Garage	Grayling	Auto repairing	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	CRAWFORD CO.—*Con.*						
Sept. 24	Charron Cigar Co.	Grayling	Cigars	2	.....	2	.....
Sept. 25	Crawford Avalanche, The	Grayling	Job printing	2	3	5	.....
Sept. 26	DuPont, E. I. DeNemours & Co.	Grayling	Chemicals	195	.....	195	8
Sept. 26	Game & Burrows	Grayling	Meats	4	.....	4	1
Sept. 22	Goudrow, John O	Grayling	Shoe repairing	1	.....	1	.....
Sept. 25	Grayling City Telephone Co.	Grayling	Telephone service	2	5	7	.....
Sept. 24	Grayling Dowel & Tie Plug Co.	Grayling	Dowel pins	18	3	21	1
Nov. 28	Grayling Electric Co.	Grayling	Light	2	.....	2	.....
Nov. 28	Grayling Water Works	Grayling	Water	3	.....	3	.....
Sept. 26	Hanson, R. & Sons	Grayling	Lumber	38	.....	38	.....
Sept. 25	Kerry & Hanson Flooring Co.	Grayling	Flooring	56	1	57	.....
Sept. 24	Letskus, J. W	Grayling	Cigars	2	.....	2	.....
Sept. 24	Lietz Bros.	Grayling	Custom clothing	2	.....	2	.....
Sept. 22	McCullough, Chas. O	Grayling	Harness	1	.....	1	.....
Nov. 28	Manistee & North-Eastern R. R. Co.	Grayling	Passenger service	3	.....	3	.....
Sept. 26	Michigan Central Railroad Co.	Grayling	Car repairing	25	1	26	.....
Sept. 26	Michigan Central Railroad Co.	Grayling	Car repairing	37	.....	37	.....
Nov. 28	Michigan Central Railroad Co.	Grayling	Freight	9	.....	9	.....
Nov. 28	Michigan Central Railroad Co.	Grayling	Passenger service	3	1	4	.....
Sept. 22	Milks, F. H	Grayling	Meats	5	.....	5	.....
Sept. 26	Model Bakery, The	Grayling	Baked goods	6	2	8	.....
Sept. 25	Olson, E. J	Grayling	Shoe repairing	2	.....	2	.....
Sept. 24	Salling, Hanson Co.	Grayling	Lumber	155	3	158	.....
Sept. 25	Salling, Hanson Co.	Grayling	Planing mill	23	.....	23	.....
	DELTA COUNTY.						
April 26	Bark River Creamery	Bark River	Dairy products	3	.....	3	.....
April 12	Arntzen Bros. Co.	Escanaba	Lumber	14	.....	14	6
April 13	Aronson, F. W	Escanaba	Tailoring	6	.....	6	.....
April 13	Aronson, P. A	Escanaba	Shoe repairing	2	.....	2	.....
April 17	Baum, A	Escanaba	Hardware	2	.....	2	.....
April 16	Beauchamp, J. A	Escanaba	Harness	2	.....	2	.....
April 9	Bird's Eye Veneer Co.	Escanaba	Veneer	69	.....	69	.....
April 11	Boisclair & Beauchamp	Escanaba	Tailoring	3	.....	3	.....
April 11	Bolger, E. F	Escanaba	Bicycle repairing	1	.....	1	.....
April 9	Bonamer, A	Escanaba	Candy	1	1	2	.....
April 10	Bon Ton Candy Kitchen	Escanaba	Candy and ice cream	1	1	2	.....
April 16	Boston Candy Store	Escanaba	Candy and ice cream	3	.....	3	.....
April 19	Boyer, Joseph	Escanaba	Blacksmithing	3	.....	3	.....
April 16	Breitenbach, H. M	Escanaba	Meats	3	.....	3	1
April 12	Bubeer, H	Escanaba	Meats	2	.....	2	.....
April 13	Candyland, The	Escanaba	Candy	2	1	3	.....
April 12	Central Cash Market	Escanaba	Meats and groceries	5	.....	5	.....
April 9	Chatfield Machine & Foundry Co.	Escanaba	Foundry	26	.....	26	.....
May 5	Chicago, Milwaukee & St. Paul Railway Co.	Escanaba	Iron and coal	104	.....	104	1
April 9	Chicago & North Western Ry.	Escanaba	Passenger service	310	.....	310	.....
April 10	City Bottling Works, The	Escanaba	Soft drinks	1	.....	1	.....
April 14	City and Marine Meat Market	Escanaba	Meats	3	.....	3	.....
April 14	Cloverland Cigar & Tobacco Co.	Escanaba	Cigars	5	.....	5	1
April 14	Degrand, A. & J. Co.	Escanaba	Flour and feed	5	1	6	.....
April 11	DeLisle Bros.	Escanaba	Shoe repairing	3	.....	3	.....
April 13	Delta County Bottling Works	Escanaba	Soft drinks	2	.....	2	.....
April 9	Delta Garage	Escanaba	Auto repairing	1	.....	1	.....
April 17	Delta Printing Co., The	Escanaba	Printing	2	1	3	.....
April 16	Dery, Joseph	Escanaba	Blacksmithing	3	.....	3	.....
April 11	Ehnerd, Chas	Escanaba	Meats	2	.....	2	.....
April 11	Escanaba Bottling Works	Escanaba	Soft drinks	3	.....	3	.....
April 11	Escanaba Brewing Co.	Escanaba	Beer	15	.....	15	.....
April 20	Escanaba Cigar Co.	Escanaba	Cigars	12	3	15	4
April 20	Escanaba Daily Mirror, The	Escanaba	Printed matter	9	1	10	1
April 10	Escanaba Delivery Co.	Escanaba	Delivery service	13	1	14	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	DELTA CO.—*Con.*						
April 13	Escanaba Electric & Garage Co.	Escanaba	Electrical supplies	2		2	
April 10	Escanaba Granite & Marble Works	Escanaba	Monuments	4	1	5	
April 12	Escanaba Hardware Co.	Escanaba	Hardware	4	1	5	
April 12	Escanaba Harness Co.	Escanaba	Harness	2		2	
April 17	Escanaba Journal	Escanaba	Printing	7	2	9	1
April 9	Escanaba Manufacturing Co.	Escanaba	Woodenware	171	163	334	35
April 14	Escanaba Morning Press Co., The	Escanaba	Printed matter	9	1	10	1
April 19	Escanaba Municipal Lighting Plants	Escanaba	Electricity and gas	14		14	
April 20	Escanaba Pulp & Paper Co.	Escanaba	Pulp and paper	67		67	
April 19	Escanaba Steam Laundry Co.	Escanaba	Laundry	9	21	30	
April 12	Escanaba Traction Co.	Escanaba	Passenger service	36		36	1
April 9	Escanaba Veneer Co.	Escanaba	Veneer and tooth picks	17	24	41	
April 21	Estemento Cigar Co.	Escanaba	Cigars	5		5	
April 21	Fernando Cigar Co.	Escanaba	Cigars	6		6	1
April 11	Flagstadt, C.	Escanaba	Custom clothing	1	1	2	
April 10	Fong, Chas. Laundry	Escanaba	Laundry	5		5	
April 9	Frenn, Chas.	Escanaba	Ice cream	1		1	
April 11	Frost, J. P.	Escanaba	Meats	2		2	
April 13	Gamble-Robinson Co.	Escanaba	Wholesale fruits	8	2	10	
April 9	Ganstad, O.	Escanaba	Custom clothing	1		1	
April 13	Gidlund, L. W. & Co.	Escanaba	Custom clothing	5		5	
April 16	Greenlaw, F. V.	Escanaba	Ladies' furnishings	1	4	5	
April 14	Gunter, Nic.	Escanaba	Meats	3		3	
April 14	Haring, J. H.	Escanaba	Livery	2		2	
April 9	Hewett Grain & Provision Co., The	Escanaba	Grain and produce	9		9	
April 17	Hirn & Gleich	Escanaba	Baked goods	4	3	7	
April 12	Hogan, George	Escanaba	Plumbing	7	1	8	
April 10	Home Electric Co.	Escanaba	Electrical supplies	2	1	3	
April 9	Houland, O. T.	Escanaba	Machine repairing	1		1	
April 17	Hoyler Baking Co., The	Escanaba	Baked goods	9	2	11	2
April 17	Hoyler & Baur	Escanaba	Baked goods	6	3	9	
April 17	Jackson, John E.	Escanaba	Custom clothing	4		4	
April 16	Johnson, Carl A.	Escanaba	Hardware	3		3	
April 10	Johnson, C. P.	Escanaba	Custom clothing	1		1	
April 14	Jungers, Peter	Escanaba	Meats	1		1	
April 11	Kahlow, John	Escanaba	Cigars	6		6	1
April 10	Kallin, John	Escanaba	Custom clothing	1		1	
April 21	Kaufman, Mrs. L. A.	Escanaba	Millinery		3	3	
April 9	Kirstin, A. J. Co.	Escanaba	Stump pullers	17	26	43	
April 21	Koster, Peter	Escanaba	Meats	2		2	
April 11	Knudson, C. E.	Escanaba	Blacksmithing	1		1	
April 11	Lee, Sam Laundry	Escanaba	Laundry	3		3	
April 20	Lohmiller, Harry J.	Escanaba	Jewelry	3		3	
April 11	Londo, J. H.	Escanaba	Blacksmithing	2		2	
April 13	Loof, George	Escanaba	Shoe repairing	1		1	
April 12	Maloney, C. & Co.	Escanaba	Flour and feed	2		2	
April 19	Michigan State Telephone Co.	Escanaba	Telephone service	5	18	23	
April 21	Nasser, T. L.	Escanaba	Candy and ice cream	1	1	2	
April 10	National Grocer Co.	Escanaba	Wholesale groceries	16	2	18	
April 14	Nee, Coleman	Escanaba	Coal and cement	7	1	8	
April 11	North Michigan Water Co.	Escanaba	Water	7	1	8	
April 10	Olinger, August	Escanaba	Meats	2	1	3	
April 9	Olson, E. G. Potash Co.	Escanaba	Potash	3		3	
April 12	Olson, Peter	Escanaba	Custom clothing	6		6	
April 12	Palace, The	Escanaba	Meats	2	1	3	
April 11	Pepin, Marc	Escanaba	Auto repairing	5		5	
April 10	Peterson, John	Escanaba	Shoe repairing	2		2	
April 17	Postal Telegraph-Cable Co.	Escanaba	Telegraph service	4		4	2
April 14	Puissant, C.	Escanaba	Plumbing	3	1	4	
April 20	Raymond Gasoline Sliding Car Loader Co.	Escanaba	Log loaders	13	1	14	

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	DELTA CO.—*Con.*						
April 21	Reiss, C. Coal Co., The	Escanaba	Coal	39	.....	39	.....
April 14	Richer, A. D	Escanaba	Meats	3	1	4	2
April 16	Richer's Garage	Escanaba	Auto repairing	6	1	7	.....
April 17	Richter Brewing Co	Escanaba	Beer	17	.....	17	.....
April 12	Scandia Co-Operative Association	Escanaba	Groceries and provisions	7	4	11	.....
April 10	Shapiro, H	Escanaba	Tailoring	1	1	2	.....
April 9	Stegath Mfg. Co	Escanaba	Lumber	23	1	24	.....
April 17	Stephenson, I. Co., Trustees	Escanaba	Lumber	4	.....	4	.....
April 10	Stille, S. C	Escanaba	Plumbing	3	.....	3	.....
April 13	Swift & Co	Escanaba	Meats	2	.....	2	.....
April 10	Thompson's Bakery	Escanaba	Baked goods	6	2	8	1
April 10	Vassaw—The Printer	Escanaba	Printing	2	1	3	1
April 11	West End Cycle Works	Escanaba	Bicycle repairing	2	1	3	.....
April 10	West End Livery	Escanaba	Livery	4	.....	4	.....
April 17	Western Union Telegraph Co	Escanaba	Telegraph service	10	2	12	7
May 2	Anderson & Holm	Gladstone	Meats	3	.....	3	.....
May 4	Brown Electric & Garage Co	Gladstone	Auto repairing	3	.....	3	.....
May 2	Cloverland Milling & Supply Co	Gladstone	Flour and feed	15	.....	15	.....
May 3	Davis, C. W	Gladstone	Lumber and coal	6	1	7	.....
May 4	Gladstone Auto Sales Co., Inc	Gladstone	Auto repairing	3	.....	3	.....
May 2	Gladstone Delta, The	Gladstone	Printed matter	1	1	2	.....
May 3	Gladstone Steam Laundry	Gladstone	Laundry	3	4	7	1
May 3	Marble Arms & Mfg. Co	Gladstone	Sporting goods	124	6	130	1
May 3	Minneapolis, St. Paul & Sault Ste. Marie R. R. Co	Gladstone	Passenger and freight	50	.....	50	1
May 3	Minneapolis, St. Paul & Sault Ste. Marie R. R. Co	Gladstone	Passenger service	73	1	74	.....
May 3	Northwestern Cooperage & Lumber Co., The	Gladstone	Woodworking	325	2	327	8
May 4	Nyberg, Carl	Gladstone	Blacksmithing	2	.....	2	.....
May 2	Olson & Anderson	Gladstone	Meats and groceries	4	.....	4	1
May 2	Producer & Consumer Auxillary	Gladstone	Meats and provisions	1	.....	1	.....
May 2	Reporter, The	Gladstone	Printed matter	2	2	4	.....
May 2	Rouman, Leo	Gladstone	Candy	1	.....	1	.....
May 2	Van Rossem, Cyriel	Gladstone	Plumbing	2	1	3	.....
May 2	Walz, Charles A	Gladstone	Tailoring	2	.....	2	.....
May 5	Oshkosh Excelsior Mfg. Co	Maple Ridge	Excelsior	18	.....	18	.....
April 30	Bay De Noquet Co	Nahma	Lumber	346	1	347	5
May 4	Delta Chemical Co	Wells	Chemicals	138	.....	138	2
May 5	Escanaba & Lake Superior R. R. Co	Wells	Passenger service	278	1	279	1
May 5	Michigan Tanning & Extract Co	Wells	Extracts and tanning	122	.....	122	.....
May 4	Stephenson, I. Co., Trustees	Wells	Lumber	592	11	603	.....
May 6	Stephenson Charcoal Iron Co	Wells	Pig iron	46	.....	46	.....
	DICKINSON COUNTY.						
Jan. 8	Anderson, Samuel	Iron Mountain	Meats and groceries	4	.....	4	.....
Jan. 14	Anderson & Johnson	Iron Mountain	Meats and merchandise	6	2	8	2
Jan. 7	Arnold, Otto L	Iron Mountain	Meats and groceries	3	1	4	.....
Jan. 8	Best Brothers Creamery	Iron Mountain	Dairy products	4	1	5	.....
Jan. 8	Bond, Ernest	Iron Mountain	Painting and decorating	3	1	4	.....
Jan. 8	Brauns & Van	Iron Mountain	Produce and groceries	9	2	11	.....
Jan. 14	Bruno, Joe	Iron Mountain	Meats and groceries	2	.....	2	.....
Jan. 9	Carbis & Taylor	Iron Mountain	Meats and groceries	5	.....	5	1
Jan. 9	City Cash Market	Iron Mountain	Meats	2	.....	2	.....
Jan. 9	City Lumber Yard	Iron Mountain	Lumber	2	.....	2	.....
Jan. 9	Corning & Barron	Iron Mountain	Hardware	1	.....	1	.....
Jan. 7	Creux, William	Iron Mountain	Cigars	1	.....	1	.....
Jan. 7	Daily Tribune Gazette, The	Iron Mountain	Printing	4	3	7	1
Jan. 14	Egisii, Paolo	Iron Mountain	Meats and groceries	1	.....	1	.....
Jan. 11	Eskil's Greenhouses	Iron Mountain	Florist	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	DICKINSON CO.—*Con.*						
Jan. 14	Feira & Tondini	Iron Mountain	Meats and groceries	4	.....	4	.....
Jan. 9	Firme, Theo. & Son	Iron Mountain	Plumbing	2	.....	2	1
Jan. 14	Garland, A. E.	Iron Mountain	Hardware	2	.....	2	.....
Jan. 9	Garvey, J. M.	Iron Mountain	Flour, feed and grain	2	1	3	.....
Jan. 10	Gensch, Gustav F.	Iron Mountain	Hardware	3	.....	3	.....
Jan. 11	Gunnarson, Chas.	Iron Mountain	Furniture	2	.....	2	1
Jan. 11	Hademan, Chas. A.	Iron Mountain	Pianos, etc.	1	1	2	.....
Jan. 14	Hager Brothers	Iron Mountain	Blacksmithing	2	.....	2	.....
Jan. 9	Hallberg & Osterberg	Iron Mountain	Baked goods	5	.....	5	.....
Jan. 14	Hense-Tollen Brewing Co.	Iron Mountain	Beer, etc.	11	.....	11	.....
Jan. 7	Holfelts, J. R. Co.	Iron Mountain	Lime, cement, etc.	2	1	3	.....
Jan. 11	Holfelts & Smith Ice Co.	Iron Mountain	Ice	4	.....	4	.....
Jan. 7	Home Bakery, The	Iron Mountain	Baked goods	2	1	3	.....
Jan. 9	Hoyle, George	Iron Mountain	Painting	1	1	2	.....
Jan. 7	Hunt, E. W. & Son	Iron Mountain	Blacksmithing	3	.....	3	.....
Jan. 10	Iron Mountain Electric Light & Power Co.	Iron Mountain	Light and power	3	2	5	.....
Jan. 9	Iron Mountain Light & Fuel Co.	Iron Mountain	Gas and fuel	5	1	6	.....
Jan. 8	Iron Mountain Granite & Marble Wks.	Iron Mountain	Monuments	3	.....	3	.....
Jan. 7	Iron Mountain Mercantile Co.	Iron Mountain	Meats and merchandise	6	3	9	.....
Jan. 14	Iron Mountain Press, The	Iron Mountain	Printed matter	6	3	9	2
Jan. 8	Iron Mountain Shoe Repair Works	Iron Mountain	Shoe repairing	1	.....	1	.....
Jan. 14	Johnson Bros.	Iron Mountain	Meats	2	.....	2	.....
Jan. 9	Kingsford, E. G.	Iron Mountain	Auto repairing	11	1	12	.....
Jan. 7	Laing, H. H.	Iron Mountain	Lumber	2	.....	2	.....
Jan. 10	Larson, L. J.	Iron Mountain	Meats and groceries	3	.....	3	.....
Jan. 9	Lundin, Victor E.	Iron Mountain	Tailoring	2	.....	2	.....
Jan. 15	McKinney Steel Co., The	Iron Mountain	Mining	251	.....	251	.....
Jan. 14	Michigan State Telephone Co.	Iron Mountain	Telephone service	5	12	17	1
Jan. 9	Mitchell, W. H.	Iron Mountain	Hardware	2	1	3	.....
Jan. 11	Model Bakery, The	Iron Mountain	Baked goods	4	1	5	.....
Jan. 8	Morris & Co.	Iron Mountain	Meats	3	.....	3	.....
Jan. 8	Myers Brothers	Iron Mountain	Fuel & building material	4	1	5	.....
Jan. 11	Nelson & Carlson	Iron Mountain	Meats and groceries	5	.....	5	.....
Jan. 14	Oliver Iron Mining Co.	Iron Mountain	Iron mining	758	.....	758	.....
Jan. 9	Pascoe, Joseph H.	Iron Mountain	Hardware	2	.....	2	.....
Jan. 7	Paulet, John	Iron Mountain	Shoe making	1	.....	1	.....
Jan. 11	Payant, J. A.	Iron Mountain	Custom tailoring	2	.....	2	.....
Jan. 9	Pederson, Gust.	Iron Mountain	Shoe repairing	2	.....	2	.....
Jan. 10	Peninsular Power Co.	Iron Mountain	Electricity	35	1	36	.....
Jan. 15	Pewabic Co.	Iron Mountain	Mining iron ore	287	.....	287	.....
Jan. 11	Reynolds, Henry M.	Iron Mountain	Blacksmithing	2	.....	2	.....
Jan. 9	Riddler Garage	Iron Mountain	Auto repairing	2	1	3	.....
Jan. 11	Rousselle, Z. P.	Iron Mountain	Harness	2	.....	2	.....
Jan. 7	Rundle, A. J.	Iron Mountain	Hardware	4	.....	4	.....
Jan. 7	St. Arnauld, A. & Son	Iron Mountain	Meats and groceries	2	.....	2	.....
Jan. 10	Sanitary Laundry & Dry Cleaning Works	Iron Mountain	Laundry	4	9	13	.....
Jan. 14	Scavarda Brothers	Iron Mountain	Hardware and lumber	2	.....	2	.....
Jan. 7	Schettler, William	Iron Mountain	Cigars	1	.....	1	.....
Jan. 10	Singer Shop	Iron Mountain	Sewing machines	1	1	2	.....
Jan. 11	Standard Oil Co.	Iron Mountain	Oils	5	1	6	.....
Jan. 10	Stolberg, C. T.	Iron Mountain	Custom clothing	4	.....	4	.....
Jan. 8	Swanson Bros.	Iron Mountain	Plumbing	6	1	7	.....
Jan. 11	Von Platen Lumber Co.	Iron Mountain	Lumber	157	.....	157	.....
Jan. 10	Western Union Telegraph Co.	Iron Mountain	Telegraph service	2	1	3	.....
Jan. 11	Yep Nom	Iron Mountain	Laundry	2	.....	2	.....
Jan. 7	Yep Gin	Iron Mountain	Laundry	1	1	2	.....
Jan. 16	Anderson, John E. & Co.	Norway	Meats and groceries	7	.....	7	.....
Jan. 16	Anderson Produce Co.	Norway	Coal and wood	4	.....	4	.....
Jan. 16	Blatz Brewing Co.	Norway	Beer	4	.....	4	.....
Jan. 17	DeRoeck, A. J.	Norway	Baked goods	3	2	5	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	DICKINSON CO.—*Con.*						
Jan. 16	Dudy, W. F.	Norway	Hardware	2	.....	2	.....
Jan. 16	Hall, Wm. H.	Norway	Plumbing	3	.....	3	.....
Jan. 16	Hoheisel, John	Norway	Bakery	3	1	4	.....
Jan. 17	Jensen, Nels C.	Norway	Shoe repairing	1	.....	1	.....
Jan. 17	Johnson, P. O.	Norway	Ice cream and candy	1	1	2	.....
Jan. 16	Johnson, Carl	Norway	Blacksmithing	1	.....	1	.....
Jan. 16	Michigan State Telephone Co.	Norway	Telephone service	1	4	5	.....
Jan. 16	Norway Creamery	Norway	Creamery	1	.....	1	.....
Jan. 16	Norway Garage	Norway	Auto repairing	5	1	6	.....
Jan. 16	Norway Hardware Co.	Norway	Hardware	2	.....	2	.....
Jan. 17	Norway Light & Power Co.	Norway	Light and power	5	.....	5	.....
Jan. 17	O. C. Lumber Co., The	Norway	Lumber	2	.....	2	.....
Jan. 16	Oliver Iron Mining Co.	Norway	Iron mining	403	.....	403	.....
Jan. 16	Oberg, Olof	Norway	Shoe repairing	1	.....	1	.....
Jan. 17	Paul, Joseph	Norway	Blacksmithing	2	.....	2	.....
Jan. 16	Person, August	Norway	Woodworking	1	.....	1	.....
Jan. 16	Ramsdell Hardware Co.	Norway	Hardware	5	1	6	.....
Jan. 16	Roy, H. E.	Norway	Cigars	5	.....	5	.....
Jan. 16	Standard Garage	Norway	Auto repairing	1	.....	1	.....
Jan. 16	Tuinstra, Robert	Norway	Ice cream and candy	1	1	2	.....
Jan. 16	Yep Loy	Norway	Laundry	1	1	2	.....
Jan. 17	Young, Miss H. L.	Norway	Millinery	.....	1	1	.....
Jan. 17	Vielmetti's Cash Market	Norway	Meats and groceries	3	1	4	.....
Jan. 17	Wickstrom, John C.	Norway	Meats and groceries	5	.....	5	.....
Jan. 15	Indiana Mine	Richardsburg	Mining iron ore	33	.....	33	.....
	EATON COUNTY.						
June 14	Ackley, A. L.	Bellevue	Meats	2	.....	2	.....
June 14	Bellevue Cider Mill Co.	Bellevue	Cider	5	.....	5	.....
June 14	Bellevue Coal & Lumber Co.	Bellevue	Coal and lumber	2	.....	2	.....
June 14	Bellevue Elevator Co.	Bellevue	Grain and beans	4	.....	4	.....
June 14	Bellevue Garage	Bellevue	Auto repairing	2	.....	2	.....
June 14	Bellevue Gazette, The	Bellevue	Printed matter	1	3	4	.....
June 15	Bellevue Light Co.	Bellevue	Light and power	3	.....	3	.....
June 14	Bellevue Milling Co.	Bellevue	Flour	3	.....	3	.....
June 14	Brown, F. A.	Bellevue	Grain and beans	3	16	19	.....
June 14	Burt Portland Cement Co., The	Bellevue	Cement	181	.....	181	1
June 14	Citizens Telephone Co.	Bellevue	Telephone service	1	6	7	.....
June 14	Fielder, C. A.	Bellevue	Plumbing	2	.....	2	.....
June 14	Gould's Garage	Bellevue	Auto repairing	2	.....	2	.....
June 14	Havens, Allen	Bellevue	Hardware	3	1	4	.....
June 14	Hoeflinger, Fred	Bellevue	Baked goods	2	2	4	1
June 14	Laughray Silo Co.	Bellevue	Silos	8	.....	8	.....
June 14	Michigan State Telephone Co.	Bellevue	Telephone service	1	3	4	.....
June 14	Shaler Hardware Co.	Bellevue	Hardware	3	.....	3	.....
June 14	Stevens, Ray E.	Bellevue	Produce	2	.....	2	.....
June 14	Tog Shop, The	Bellevue	Cleaning and pressing	2	.....	2	.....
June 7	American Express Co.	Charlotte	Express service	3	.....	3	.....
June 8	Artificial Ice Co.	Charlotte	Ice	7	.....	7	.....
June 8	Beach Manufacturing Co.	Charlotte	Machinery	30	1	31	.....
June 4	Belden & Co.	Charlotte	Grain and beans	3	51	54	.....
June 17	Carr, R. W.	Charlotte	Monuments	7	.....	7	.....
June 9	Charlotte City Water Works	Charlotte	Water	4	.....	4	.....
June 4	Charlotte Chair Co.	Charlotte	Chairs	39	11	50	.....
June 3	Charlotte Leader, The	Charlotte	Printed matter	6	2	8	1
June 8	Charlotte Manufacturing Co.	Charlotte	Tables	61	2	63	5
June 4	Charlotte Republican, The	Charlotte	Printed matter	11	1	12	.....
June 4	Charlotte Steam Laundry	Charlotte	Laundry	2	5	7	.....
June 5	Charlotte Tribune, The	Charlotte	Printed matter	9	1	10	2
June 8	Clever Construction Co.	Charlotte	General construction	9	.....	9	.....
June 4	Colburn-Fulton Lumber Co.	Charlotte	Lumber and coal	7	1	8	.....
June 4	Consumers Power Co.	Charlotte	Electricity	5	.....	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	EATON CO.—*Con.*						
June 8	Dry Milk Co., The	Charlotte	Powder milk	13	.....	13	.....
June 11	Duplex Truck Co	Charlotte	Trucks	164	1	165	2
June 7	Eaton County Telephone Co	Charlotte	Telephone service	2	9	11	.....
June 8	Fenn Manufacturing Co	Charlotte	Handles	44	1	45	1
June 5	Fisher, Mrs. Ida	Charlotte	Millinery	.....	2	2	.....
June 4	Fritz, J. A	Charlotte	Auto repairing	4	1	5	.....
June 5	Geddes, W. & Co	Charlotte	Custom tailoring	7	10	17	1
June 5	Goodrich, H. A	Charlotte	Dairy products	2	.....	2	.....
June 9	Grinnell Brothers	Charlotte	Pianos, etc	1	1	2	.....
June 8	Hancock Mfg. Co	Charlotte	Brass goods	170	24	194	3
June 7	Harmon & Osborn	Charlotte	Shoe repairing	5	1	6	.....
June 9	Hine, C. & Co	Charlotte	Bicycle repairing	2	.....	2	.....
June 5	Krogman, L. J	Charlotte	Plumbing	4	1	5	.....
June 5	McGill, J. A	Charlotte	Bicycle repairing	2	.....	2	.....
June 5	MacLeod, Norman	Charlotte	Baked goods	2	1	3	1
June 5	Madison, Frank	Charlotte	Painting and papering	9	.....	9	.....
June 7	Marple Bakery	Charlotte	Baked goods	4	.....	4	1
June 5	Meade, Mrs. Jennie	Charlotte	Millinery	.....	3	3	.....
June 8	Michigan State Telephone Co	Charlotte	Telephone service	3	11	14	.....
June 4	Miller & Hamilton	Charlotte	Lumber and coal	6	.....	6	.....
June 9	Munch, O. J. Manufacturing Co	Charlotte	Air registers	3	.....	3	.....
June 6	Munger Hardware Co	Charlotte	Hardware	7	1	8	.....
June 7	New Charlotte Gas Co	Charlotte	Gas	9	1	10	.....
June 7	Ohls, W. H	Charlotte	Electricity	2	.....	2	.....
June 4	Packard, Orrin E	Charlotte	Grain	5	1	6	.....
June 6	Parish, Chas. W	Charlotte	Plumbing	3	1	4	.....
June 6	Pettie & Milks	Charlotte	Meats	3	1	4	.....
June 5	Porter, Bert	Charlotte	Meats	2	.....	2	.....
June 5	Shaull, James H	Charlotte	Tire repairing	1	.....	1	.....
June 5	Shaull, George L	Charlotte	Auto repairing	3	1	4	.....
June 6	Shaull, Warren	Charlotte	Baked goods	6	.....	6	1
June 8	Shepherd, L. H. Co	Charlotte	Flour	5	.....	5	.....
June 8	Shepherd, L. H. Co	Charlotte	Grain and beans	3	70	73	.....
June 7	Spencer, Russell S	Charlotte	Hardware	5	1	6	.....
June 4	Thompson & Phillips	Charlotte	Auto repairing	5	1	6	.....
June 5	Thynge, Mrs. Irene	Charlotte	Millinery	.....	2	2	.....
June 7	Tubbs, Geo. H. & Co	Charlotte	Baked goods	4	.....	4	.....
June 6	Voorhies, F. E. & Co	Charlotte	Flour and feed	2	.....	2	.....
June 6	Western Union Telegraph Co	Charlotte	Telegraph service	2	.....	2	1
June 4	Wilson, P. J	Charlotte	Auto repairing	3	.....	3	.....
June 13	Dimond Milling Co	Dimondale	Flour	4	.....	4	.....
June 13	Harris, E. S. & Co	Dimondale	Lumber and coal	3	.....	3	.....
June 13	News Publishing Co	Dimondale	Printed matter	1	.....	1	.....
June 13	Winegar & Mulhollan	Dimondale	Hardware	4	.....	4	.....
June 11	Big Rock Knitting Co	Eaton Rapids	Knitted goods	8	15	23	2
June 11	Bromeling & Petit	Eaton Rapids	Hardware	5	.....	5	.....
June 12	City Laundry	Eaton Rapids	Laundry	1	2	3	.....
June 12	Crane & Crane	Eaton Rapids	Grain and beans	3	17	20	.....
June 13	Derby Medicine Co	Eaton Rapids	Medicines	1	2	3	.....
June 12	Eaton Rapids Garage	Eaton Rapids	Auto repairing	4	.....	4	.....
June 12	Eaton Rapids Light & Water Co	Eaton Rapids	Light and water	4	.....	4	.....
June 11	Eaton Rapids Journal, The	Eaton Rapids	Printed matter	4	1	5	.....
June 11	Eaton Rapids Review	Eaton Rapids	Printed matter	4	.....	4	.....
June 11	Eaton Rapids Woolen Mills	Eaton Rapids	Yarns	212	90	302	16
June 13	Eldred, John R	Eaton Rapids	Meats	2	.....	2	.....
June 12	Ferguson Garage	Eaton Rapids	Auto repairing	3	.....	3	.....
June 11	Fowler, Wilbur F	Eaton Rapids	Plumbing	2	.....	2	.....
June 11	Gary Bros	Eaton Rapids	Meats	4	.....	4	.....
June 12	Goodrich, H. A. Co	Eaton Rapids	Produce	3	.....	3	.....
June 11	Hunt, C. M. & Son	Eaton Rapids	Auto repairing	5	.....	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	EATON CO.—*Con.*						
June 12	Island City Pickle Co	Eaton Rapids	Pickles	5	1	6	.....
June 11	Island City Mills, The	Eaton Rapids	Flour	2	.....	2	.....
June 12	Marple, A. C	Eaton Rapids	Baked goods	3	.....	3	.....
June 11	Mendell, Lillian	Eaton Rapids	Millinery	.....	2	2	.....
June 11	Mix, E. F	Eaton Rapids	Feed	3	.....	3	.....
June 12	Moore, C. J	Eaton Rapids	Implements	2	.....	2	.....
June 11	New Charlotte Gas Co	Eaton Rapids	Gas and coke	2	1	3	.....
June 11	Minnie & Ramsay	Eaton Rapids	Hardware	5	.....	5	.....
June 12	Smith, A. M. & Co	Eaton Rapids	Farm produce	15	2	17	.....
June 12	Stirling & Crawford	Eaton Rapids	Baked goods	4	.....	4	.....
June 12	Strong, N. A. Estate	Eaton Rapids	Beans	2	.....	2	.....
June 12	Strong, N. A. Estate	Eaton Rapids	Feed and grain	3	.....	3	.....
June 11	True Mfg. Co	Eaton Rapids	Stock racks and sleighs	5	1	6	.....
June 12	Webster, H. P. & Sons	Eaton Rapids	Lumber and coal	9	.....	9	.....
June 11	Young, Mrs. A. P	Eaton Rapids	Millinery	.....	3	3	.....
June 19	American Sewer Pipe Co	Grand Ledge	Sewer pipes	91	.....	91	.....
June 18	Anderson, F. A. Granite Works	Grand Ledge	Monuments	3	.....	3	.....
June 18	Astley, T. W	Grand Ledge	Wood and coal	2	.....	2	.....
June 18	Baker Clay Co	Grand Ledge	Brick	50	1	51	.....
June 20	Baldwin & Watson	Grand Ledge	Baked goods	4	.....	4	.....
June 19	Clarke Hardware Co	Grand Ledge	Hardware	4	.....	4	.....
June 18	City Iron Works	Grand Ledge	Machine repairing	4	.....	4	.....
June 18	City Steam Laundry	Grand Ledge	Laundry	2	6	8	.....
June 19	Consumers Power Co	Grand Ledge	Electricity	5	1	6	.....
June 18	Crawford Chair Co	Grand Ledge	Chairs	81	5	86	3
June 18	Doty & Doty	Grand Ledge	Grain and beans	3	20	23	.....
June 19	Gillan, Mrs. Fred T	Grand Ledge	Millinery	.....	2	2	.....
June 18	Gillies & Aldrich	Grand Ledge	Flour	4	.....	4	.....
June 18	Ginter, Orla	Grand Ledge	Blacksmithing	2	.....	2	.....
June 19	Grand Ledge Chair Co	Grand Ledge	Chairs	105	25	130	6
June 20	Grand Ledge Gas Co	Grand Ledge	Gas and coke	3	1	4	.....
June 19	Grand Ledge Clay Products Co	Grand Ledge	Clay products	83	.....	83	1
June 19	Grand Ledge Independent, The	Grand Ledge	Printed matter	3	2	5	.....
June 18	Grand Ledge Milk Co	Grand Ledge	Milk products	28	5	33	.....
June 18	Grand Ledge Paint Co	Grand Ledge	Paint	3	.....	3	.....
June 18	Holaday Lumber Co., The	Grand Ledge	Lumber	4	.....	4	.....
June 19	Hollens, J. W	Grand Ledge	Flour and feed	2	.....	2	.....
June 18	Ireland, W. L. & Co	Grand Ledge	Grain and beans	5	26	31	.....
June 18	Kingsley, Harry H	Grand Ledge	Provisions	3	.....	3	.....
June 19	Maier, Martin H	Grand Ledge	Harness	2	.....	2	.....
June 19	Michigan State Telephone Co	Grand Ledge	Telephone service	2	4	6	.....
June 19	Rose, Bryce E	Grand Ledge	Cigars	2	1	3	.....
June 19	Sanitary Bakery	Grand Ledge	Baked goods	4	1	5	.....
June 18	Schavey, William & Sons	Grand Ledge	Auto repairing	5	.....	5	.....
June 18	Schavey, William & Sons	Grand Ledge	Coal and wood	5	.....	5	.....
June 19	South Side Implement Co	Grand Ledge	Implements	4	.....	4	.....
June 18	Times, The	Grand Ledge	Printed matter	2	1	3	.....
June 19	Van Horn, Geo. H	Grand Ledge	Meats	3	1	4	.....
June 19	Winnie, James	Grand Ledge	Hardware	2	.....	2	.....
June 19	Wolverine Garage	Grand Ledge	Auto repairing	4	.....	4	.....
June 20	Langevin, George	Mulliken	Lumber and coal	2	.....	2	.....
June 20	McNaughton & Peabody	Mulliken	Grain and beans	4	10	14	.....
June 20	Mulliken Cooperative Creamery Co	Mulliken	Dairy products	2	.....	2	.....
June 20	Pringle, R. A	Mulliken	Hardware	2	.....	2	.....
June 15	Coplin, L	Olivet	Flour and feed	1	.....	1	.....
June 15	Coplin, L. & Sons	Olivet	Lumber	5	.....	5	.....
June 15	Goodrich, H. A. Co	Olivet	Produce	1	1	2	.....
June 15	Hammond Garage	Olivet	Auto repairing	3	.....	3	.....
June 15	Long, Cobb & Co	Olivet	Lumber and coal	4	.....	4	.....
June 15	Long, Cobb & Co	Olivet	Grain and beans	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	EATON CO.—*Con.*						
June 15	Michigan State Telephone Co	Olivet	Telephone service	2	2	4	1
June 15	Olivet Optic, The	Olivet	Printed matter	3	3	6	.....
June 23	Fhaner Bros	Potterville	Auto repairing	4	.....	4	.....
June 23	Gilbert, G. Earl	Potterville	Meats and groceries	2	.....	2	1
June 23	Potterville Press, The	Potterville	Printed matter	1	.....	1	.....
June 23	Stockbridge Elevator Co	Potterville	Grain and beans	2	12	14	.....
June 20	Palmer, Mrs. J. H. & Son	Sunfield	Grain and beans	3	12	15	.....
June 20	Sunfield Lumber Co., The	Sunfield	Lumber	2	.....	2	.....
June 20	Sunfield Milling Co	Sunfield	Flour	3	.....	3	.....
June 20	Sunfield Sentinel, The	Sunfield	Printed matter	1	1	2	.....
June 20	Triphagen, Geo. H	Sunfield	Grain and beans	2	12	14	.....
June 16	Anderson, C. A	Vermontville	Grain	3	.....	3	.....
June 16	Bowman, Elo G	Vermontville	Lumber	3	.....	3	.....
June 16	Chaffee, Mrs. & Son	Vermontville	Baked goods	2	2	4	.....
June 16	Lackey, J. A. & Son	Vermontville	Building material	2	.....	2	.....
June 16	Mull, Henry	Vermontville	Meats	2	.....	2	.....
June 16	Vermontville Echo, The	Vermontville	Printed matter	2	.....	2	.....
June 16	Vermontville Garage, The	Vermontville	Auto repairing	3	.....	3	.....
	EMMET COUNTY.						
May 17	Alanson Auto Co	Alanson	Auto repairing	2	.....	2	.....
May 17	Alanson Boat Works	Alanson	Boats	2	.....	2	.....
May 17	Bickford, Norman	Alanson	Meats	1	.....	1	.....
May 17	Fairbairn, W. W	Alanson	Hardware	2	.....	2	.....
May 17	Hinkley Hardware Co	Alanson	Handles	37	.....	37	1
May 17	McPhee, John	Alanson	Hardware and groceries	1	.....	1	.....
May 17	Newman, L	Alanson	Blacksmithing	1	.....	1	.....
May 17	Rotter, Geo. W	Alanson	Meats and groceries	2	1	3	.....
May 17	Willyard, J. F	Alanson	Lumber and shingles	10	.....	10	.....
May 11	Northern Lime Co	Bay Shore	Lime	26	.....	26	.....
May 7	Calkins, O	Bear Creek	Lumber and shingles	8	.....	8	1
May 7	Coveyou Brothers	Bear Creek	Lumber	8	.....	8	.....
May 17	Carp Lake Manufacturing Co	Carp Lake	Staves	29	.....	29	1
May 17	Glashaw, E. D	Carp Lake	Lumber	9	.....	9	.....
May 17	Vought, C. N	Carp Lake	Lumber	4	.....	4	.....
May 17	Emmet Lumber Co	Cecil	Forest products	53	1	54	.....
June 22	Harbor Point Club House	Harbor Point	Laundry	3	6	9	.....
May 9	Adams & Co	Harbor Springs	Farm products	2	.....	2	.....
May 9	Bennicksen & Corey	Harbor Springs	Blacksmithing	2	.....	2	.....
May 8	Best Tailoring Co., The	Harbor Springs	Tailoring and dry cleaning	2	.....	2	.....
May 8	Board of Public Works	Harbor Springs	Water and light	7	.....	7	.....
May 10	Cadillac Handle Co., The	Harbor Springs	Forest products	70	.....	70	.....
May 9	Candyland, The	Harbor Springs	Confectionery	2	.....	2	.....
June 22	Carey Auto Co	Harbor Springs	Auto repairing	4	.....	4	.....
May 9	Cornell, W. H	Harbor Springs	Meats	4	1	5	.....
May 8	Crowl Lumber Co	Harbor Springs	Lumber	30	.....	30	.....
May 8	Crowl Lumber Co	Harbor Springs	Forest products	27	.....	27	.....
May 9	Dewitt & Kelly	Harbor Springs	Contracting	14	.....	14	.....
May 10	Harbor Springs Bakery, The	Harbor Springs	Baked goods	3	1	4	.....
May 9	Harbor Springs Garage	Harbor Springs	Auto repairing	3	.....	3	.....
May 8	Harbor Springs Lumber Co	Harbor Springs	Forest products	32	.....	32	.....
May 8	Harbor Springs Lumber Co	Harbor Springs	Lumber	45	.....	45	.....
May 10	Hankey Milling Co	Harbor Springs	Flour and grain	4	1	5	.....
May 8	Isham & Isham	Harbor Springs	Potash	2	.....	2	.....
May 9	Lambs Boat Works	Harbor Springs	Boats	2	.....	2	.....
May 9	Melching, A. F. & Co	Harbor Springs	Furniture	2	.....	2	.....
May 8	Melching Garage & Boat Works	Harbor Springs	Auto repairing and boats	3	.....	3	.....
May 10	Michigan State Telephone Co	Harbor Springs	Telephone service	1	4	5	.....
May 10	Mort, Geo	Harbor Springs	Baked goods	2	1	3	.....
May 9	Ottawa Lumber Co., The	Harbor Springs	Lumber	5	.....	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	EMMET CO.—*Con.*						
May 9	Parks, Clay	Harbor Springs	Contracting	10	.....	10	.....
May 8	Republican and Graphic, The	Harbor Springs	Printed matter	3	.....	3	.....
May 10	Reynolds, C. E	Harbor Springs	Harness	2	.....	2	.....
May 10	Satisfaction Tailor Shop, The	Harbor Springs	Tailoring and dry cleaning	2	.....	2	.....
May 8	Shay, E. & Son	Harbor Springs	Machine repairing	5	.....	5	.....
May 9	Starr, J. T. & Co	Harbor Springs	Meats	3	.....	3	.....
May 9	Thompson, Geo. H	Harbor Springs	Blacksmithing	2	.....	2	.....
May 9	Voorheis, Frank	Harbor Springs	Farm implements	2	.....	2	.....
May 8	Walrond, Friend & Cassidy	Harbor Springs	Hardware	5	.....	5	.....
April 26	Michigan Tanning & Extract Co	Kegomic	Leather	139	5	144	.....
May 11	Petoskey Crushed Stone Co	Lamson	Crushed stone	32	.....	32	.....
May 16	Carpenter Garage, The	Levering	Vulcanizing	2	.....	2	.....
May 16	DeKruif, Wm. & Co	Levering	Hardware	2	.....	2	.....
May 16	Hoar & Bennett	Levering	Meats and groceries	1	1	2	.....
May 16	Levering Local	Levering	Printed matter	1	1	2	.....
May 16	Pangborn, Carl	Levering	Blacksmithing	1	.....	1	.....
May 16	Reiter, J. E	Levering	Lumber and shingles	22	.....	22	.....
May 16	Walker, W. C. & E. F	Levering	Hardware and furniture	2	1	3	.....
May 16	Wilson, G. S	Levering	General repairing	2	.....	2	.....
May 16	Cheboygan Electric Light & Power Co	Pellston	Light and power	2	.....	2	.....
May 15	Jackson & Tindle	Pellston	Forest products	46	.....	46	.....
May 15	Jackson & Tindle	Pellston	Handles	63	.....	63	.....
May 15	Jackson & Tindle	Pellston	Lumber	142	2	144	.....
May 15	Jackson & Tindle	Pellston	Shingles	19	.....	19	.....
May 15	Jackson & Tindle	Pellston	Staves	11	.....	11	.....
May 16	Michigan State Telephone Co	Pellston	Telephone service	1	2	3	.....
May 16	Murray, W. P	Pellston	Harness	2	.....	2	.....
May 16	Obloj, Tom	Pellston	Meats and groceries	1	1	2	.....
May 16	Pellston Garage	Pellston	Auto repairing	1	.....	1	.....
May 16	Pellston Journal, The	Pellston	Printed matter	1	1	2	.....
May 16	Pellston Wagon Works	Pellston	Repairing	2	.....	2	.....
May 15	Schwartz & Tortellot	Pellston	Potash	3	.....	3	.....
April 28	Amstutz, John M	Petoskey	Meats and groceries	3	4	7	1
April 26	Antrim Lime Co	Petoskey	Lime	26	.....	26	.....
April 14	Bird Printing Co	Petoskey	Printing	3	.....	3	.....
April 10	Blackmer Rotary Pump Co	Petoskey	Rotary pumps	38	4	42	.....
April 14	Boelio, C. L	Petoskey	Coal and wood	3	1	4	.....
April 28	Boyington, Chas. & Co	Petoskey	Cigars	2	.....	2	.....
April 19	Bremmeyr-Bain Co	Petoskey	Hardware	11	1	12	.....
April 21	Bump & McCabe	Petoskey	Hardware	9	1	10	.....
April 12	Burnett Foundry & Machine Works	Petoskey	Castings	3	.....	3	.....
April 18	Churchill Printing Co., The	Petoskey	Printed matter	10	2	12	.....
May 4	Colonial Laundry, The	Petoskey	Laundry	2	3	5	.....
May 4	Cook, Alton G	Petoskey	Printing	2	.....	2	.....
April 19	Cook Electric Co	Petoskey	Electrical supplies	3	.....	3	.....
April 23	Cooper, Sam L	Petoskey	Merchant tailoring	1	.....	1	.....
April 25	Darling, Lou S. Seed Co	Petoskey	Seeds	7	7	14	.....
May 7	DeArment, C. A	Petoskey	Brick	6	.....	6	.....
April 26	Doherty Co	Petoskey	Meats	2	.....	2	.....
April 18	Economy Meat Market	Petoskey	Meats	2	.....	2	1
May 5	Fay, Mrs. Leda	Petoskey	Dressmaking	.....	2	2	.....
April 12	Feldman, J. & Sons	Petoskey	Hides, pelts, etc	7	.....	7	.....
May 4	Friend, John E	Petoskey	Cigars and candy	3	.....	3	.....
April 17	Gix, Otto	Petoskey	Custom clothing	1	2	3	.....
May 3	Golden, Roy	Petoskey	Auto repairing	4	.....	4	.....
April 19	Graham & Linsell	Petoskey	Plumbing	5	1	6	.....
April 10	Grand Rapids & Indiana Railway Co	Petoskey	Engine repairing	5	.....	5	.....
May 4	Gruler, Frank & Sons	Petoskey	Farm products	3	.....	3	.....
April 14	Hankey Milling Co	Petoskey	Flour	6	.....	6	.....
April 12	Hamill, Herbert	Petoskey	Meats	4	.....	4	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	EMMET CO.—*Con.*						
April 19	Home Meat Market	Petoskey	Meats	2	1	3	.....
April 30	Hotel Perry, The	Petoskey	Laundry	1	4	5	.....
May 5	Iden, H. D	Petoskey	Meats and groceries	2	1	3	.....
May 4	Irrmann, John M	Petoskey	Cigars	2	.....	2	.....
May 15	Jackson & Tindle	Petoskey	Machine repairing	3	.....	3	.....
April 19	Karamol, John	Petoskey	Cigars	2	1	3	.....
May 7	Keel, Mrs. G. C	Petoskey	Needlecraft	.....	4	4	.....
April 12	Kleber, John	Petoskey	Blacksmithing	2	.....	2	.....
April 10	Klise, A. B. Lumber Co	Petoskey	Lumber and fuel	6	.....	6	.....
May 4	Little Will	Petoskey	Jewelry	5	.....	5	.....
April 24	Hobbins, Mabel McArthur	Petoskey	Millinery	.....	4	4	.....
May 4	McCarthy, Elizabeth	Petoskey	Millinery	.....	3	3	.....
April 25	McDermott, W. R	Petoskey	Blacksmithing	2	.....	2	.....
April 9	McManus, W. L. Lumber Co	Petoskey	Lumber	32	1	33	.....
May 1	Martin, E. Sherwood	Petoskey	Ice cream and butter	5	1	6	1
April 23	Michigan Boat Works, The	Petoskey	Boats	2	.....	2	.....
April 10	Michigan Maple Block Co	Petoskey	Butcher blocks	38	1	39	.....
April 23	Michigan State Telephone Co	Petoskey	Telephone service	15	20	35	1
April 24	Millie, Miss	Petoskey	Millinery	.....	2	2	.....
April 21	Model Confectionery	Petoskey	Confectionery	2	1	3	1
May 5	New Era Fluff Rug Mfg. Co	Petoskey	Rugs	2	.....	2	.....
May 4	Newton, S. C	Petoskey	Jeweler	1	.....	1	.....
April 21	Northern Auto Co	Petoskey	Auto repairing	15	3	18	.....
April 19	Northern Hardware Co	Petoskey	Hardware	6	.....	6	.....
April 13	Northern Lime Co	Petoskey	Stone and lime	42	1	43	.....
April 18	Oldham, James	Petoskey	Harness	2	.....	2	.....
April 24	Osborne, D. C	Petoskey	Seeds	5	.....	5	.....
April 19	Overholt, L. N. & Co	Petoskey	Baked goods	8	.....	8	.....
April 21	Pere Marquette Railroad Co	Petoskey	Car repairing	9	.....	9	.....
May 1	Pearson, Z. H	Petoskey	Tailoring	1	1	2	.....
April 11	Petoskey & Bay Shore Gas Co	Petoskey	Gas	7	1	8	.....
April 23	Petoskey Boat Co	Petoskey	Boats	2	.....	2	.....
April 30	Petoskey Candy Kitchen, The	Petoskey	Confectionery	3	.....	3	.....
April 30	Petoskey Cigar Co., The	Petoskey	Cigars and tobacco	4	.....	4	.....
April 11	Petoskey City Light Plant	Petoskey	Power and light	10	.....	10	.....
April 11	Petoskey City Water Department	Petoskey	Water	4	.....	4	.....
April 11	Petoskey Crystal Ice Co	Petoskey	Ice	6	1	7	.....
May 4	Petoskey Dry Cleaning & Dyeing Co	Petoskey	Dry cleaning	2	.....	2	.....
April 12	Petoskey Grocery Co., The	Petoskey	Wholesale groceries	13	2	15	.....
April 2	Petoskey Housefurnishing Co., Inc	Petoskey	Furniture	5	2	7	.....
April 12	Petoskey Iron Works	Petoskey	Machine repairing	3	.....	3	.....
April 23	Petoskey Rug Mfg. Co	Petoskey	Rugs	2	.....	2	.....
April 30	Petoskey Steam Laundry Co., The	Petoskey	Laundry	4	5	9	.....
May 7	Pie Shop, The	Petoskey	Baked goods	2	5	7	.....
April 25	Royal Cigar Co	Petoskey	Cigars	3	.....	3	1
April 18	Scattergood Bros	Petoskey	Upholstering	5	1	6	.....
April 28	Schebrat & Son	Petoskey	Custom clothing	3	2	5	.....
April 23	Smith, C. E	Petoskey	Auto repairing	4	1	5	.....
April 25	Smith & Lake	Petoskey	Meats and groceries	5	.....	5	.....
April 10	Standard Oil Co	Petoskey	Oil products	3	1	4	.....
April 10	Straater, H	Petoskey	Potash	2	.....	2	.....
May 4	Tracy, Clara	Petoskey	Dressmaking	.....	1	1	.....
April 23	VanHeulen, Miss	Petoskey	Millinery	.....	4	4	.....
April 26	West Side Garage	Petoskey	Auto repairing	3	.....	3	.....
April 9	Wheat Paper Co	Petoskey	Paper	97	1	98	.....
April 24	Winne, S. M	Petoskey	Coal	3	.....	3	.....
May 5	Zipp, George T	Petoskey	Lumber	3	.....	3	.....
May 7	Pfeifler & Burch	Wabmemee	Lumber and shingles	24	1	25	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GENESEE COUNTY.						
Nov. 27	Stiles, D. R.	Argentine	Flour and grain	4	.....	4	.....
Nov. 30	Detroit United Lines	Atlas	Power	3	.....	3	.....
Nov. 30	Hastings, W. A. & Son	Atlas	Flour and feed	3	.....	3	.....
Dec. 1	Brent Creek Elevator Co.	Brent Creek	Beans, grain and coal	3	.....	3	.....
Nov. 28	Clio Messenger, The	Clio	Printed matter	2	1	3	.....
Nov. 28	Detroit Creamery Co.	Clio	Condensed milk	25	1	26	.....
Nov. 28	Houghton, F. M. & Co.	Clio	Produce	10	1	11	.....
Nov. 28	Gillett Manufacturing Co.	Clio	Furniture	9	.....	9	.....
Nov. 28	McCrady & Miller	Clio	Auto repairing	4	.....	4	.....
Nov. 28	Mann, Mrs. N. W.	Clio	Millinery	.....	3	3	.....
Nov. 28	May Lumber Co.	Clio	Lumber	2	.....	2	.....
Nov. 28	Peterson, Ole	Clio	Meats	2	.....	2	.....
Nov. 28	Scholl, Leonard J. & Charles E.	Clio	Brick	16	.....	16	.....
Nov. 28	Sturdivant, Fred	Clio	Meats	1	.....	1	.....
Nov. 28	Burroughs-Wolohan Elevator Co.	Davison	Produce	5	20	25	.....
Nov. 28	Davison Lighting Commission	Davison	Electricity	1	.....	1	.....
Nov. 28	Davison Telephone Co.	Davison	Telephone service	1	3	4	.....
Nov. 28	Ford Service Station	Davison	Auto repairing	3	.....	3	.....
Nov. 28	Forsyth, A. B. & Co.	Davison	Meats	2	.....	2	.....
Nov. 28	Freeman Dairy Co.	Davison	Dairy products	2	.....	2	.....
Nov. 28	McBratney, S. J. & Son	Davison	Hardware	1	.....	1	.....
Nov. 28	Memro, John	Davison	Blacksmithing	2	.....	2	.....
Nov. 28	Willett, R. C. & Co.	Davison	Baked goods	1	1	2	.....
Nov. 27	Aetna Portland Cement Co.	Fenton	Cement	113	.....	113	.....
Nov. 27	Beal, John	Fenton	Harness	1	.....	1	.....
Nov. 26	Faulkner, Mrs. Ida	Fenton	Millinery	.....	2	2	.....
Nov. 26	Fenton Courier, The	Fenton	Printed matter	3	2	5	.....
Nov. 26	Fenton Elevator Co.	Fenton	Grain and beans	5	13	18	.....
Nov. 27	Fenton Granite Works	Fenton	Monuments	2	.....	2	.....
Nov. 26	Fenton Independent, The	Fenton	Printed matter	2	1	3	.....
Nov. 26	Fenton Machine Tool & Die Co., Inc.	Fenton	Tools and dies	19	1	20	.....
Nov. 26	Fenton Mills	Fenton	Flour, feed and coal	9	1	10	.....
Nov. 26	Fenton Steam Laundry, The	Fenton	Laundry	1	2	3	.....
Nov. 26	Fenton Taxi Co.	Fenton	Auto service	4	.....	4	.....
Nov. 26	Fenton Water Works	Fenton	Water	2	.....	2	.....
Nov. 27	French, Arthur	Fenton	Blacksmithing	2	.....	2	.....
Nov. 26	Galloway, F. A.	Fenton	Plumbing	3	.....	3	.....
Nov. 26	Grand Ledge Milk Co.	Fenton	Dairy products	9	1	10	.....
Nov. 26	Granger & McGuire	Fenton	Hardware	3	1	4	.....
Nov. 26	Green & Judson	Fenton	Auto repairing	8	1	9	.....
Nov. 26	Groom, Geo. F.	Fenton	Meats	3	.....	3	.....
Nov. 26	Horrell, F. J.	Fenton	Hardware	2	.....	2	.....
Nov. 27	Imperial Marble & Granite Works	Fenton	Monuments	2	.....	2	.....
Nov. 26	Johnson, Willard L.	Fenton	Electrical supplies	3	.....	3	.....
Nov. 26	Judson Michigan Bean Co.	Fenton	Grain, etc.	9	.....	9	.....
Nov. 26	Lusk & Son	Fenton	Baked goods	.....	1	1	.....
Nov. 27	Michigan State Telephone Co.	Fenton	Telephone service	1	5	6	.....
Nov. 27	New Egyptian Portland Cement Co.	Fenton	Cement	125	.....	125	.....
Nov. 26	O'Brien, S. R.	Fenton	Lumber and coal	2	.....	2	.....
Nov. 26	Peoples Meat Market, The	Fenton	Meats	3	1	4	.....
Nov. 27	Phillips, Chas. H.	Fenton	Shoe repairing	1	.....	1	.....
Nov. 26	Rollins, B. R.	Fenton	Baked goods	5	.....	5	1
Nov. 26	Union Telephone Co., The	Fenton	Telephone service	.....	6	6	.....
Nov. 26	Walker Manufacturing Co.	Fenton	Castings	13	.....	13	.....
Nov. 26	Watson, W. W.	Fenton	Custom clothing	2	1	3	.....
Nov. 27	Zoll Bros.	Fenton	Blacksmithing	3	.....	3	.....
Dec. 18	Adams Express Co.	Flint	Express service	22	1	23	.....
Dec. 20	Aleman, Edward	Flint	Shoe repairing	4	.....	4	.....
Dec. 13	Armstrong, J. B. Mfg. Co.	Flint	Auto springs	173	2	175	.....
Dec. 3	Auto Supply & Electric Service Station.	Flint	Auto supplies	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GENESEE CO.—*Con.*						
Dec. 20	Bachman, H. & Son	Flint	Furniture repairing	3	.....	3	.....
Dec. 7	Barney, M. C. & Son	Flint	Monuments	8	1	9	.....
Dec. 7	Bazley Market	Flint	Meats	7	1	8	.....
Dec. 15	Benedict Millinery	Flint	Millinery	1	2	3	.....
Dec. 24	Blaser, Miss Mae	Flint	Millinery	.....	3	3	.....
Dec. 10	Bon Ton Meat Market	Flint	Meats	12	1	13	.....
Dec. 10	Brandt, C. E. & Co	Flint	Paper	4	2	6	.....
Dec. 20	Brown & Bartlett	Flint	Cigars	2	3	5	.....
Dec. 13	Buick Motor Co	Flint	Automobiles	10745	855	11600	40
Dec. 19	Burroughs, J. P. & Son	Flint	Grain and feed	24	74	98	.....
Dec. 20	Candyland, The	Flint	Confectionery	8	1	9	.....
Dec. 6	Cassels, Jas	Flint	Blacksmithing	3	.....	3	.....
Dec. 11	Catsman Coal Co	Flint	Coal	16	2	18	.....
Dec. 11	Champion Ignition Co	Flint	Spark plugs	272	291	563	2
Dec. 13	Chevrolet Motor Co	Flint	Automobiles	1,595	61	1,656	3
Dec. 13	Chevrolet Motor Co	Flint	Motors and axles	3,053	20	3,073	6
Dec. 20	Chevrolet Motor Co	Flint	Sales and service	9	1	10	.....
Dec. 7	Childs-Bliss Auto Co	Flint	Auto repairing	6	1	7	.....
Dec. 15	Christie Shop	Flint	Millinery	1	7	8	.....
Dec. 6	Church, J. W	Flint	Plumbing	8	1	9	.....
Dec. 4	City Cycle & Repair Co	Flint	General repairing	2	.....	2	.....
Dec. 22	Coggins, Geo. M	Flint	Meats and groceries	3	.....	3	.....
Dec. 10	Cole & Cole	Flint	Tailoring	5	1	6	.....
Dec. 11	Consumers Power Co	Flint	Power	33	.....	33	.....
Dec. 22	Consumers Power Co	Flint	Electricity	24	5	29	.....
Dec. 18	Cook Car Journal Cooler Co	Flint	Car journal coolers	3	.....	3	.....
Dec. 12	Copeman Electric Stove Co	Flint	Electrical apparatus	80	44	124	1
Dec. 10	Cornwell Co., The	Flint	Wholesale meats	15	2	17	1
Dec. 15	Cotharin, G. V	Flint	Dyeing and cleaning	8	2	10	.....
Dec. 7	Cumings Brothers	Flint	Auto supplies	27	6	33	.....
Dec. 13	Cut Rate Meat Market	Flint	Meats	2	.....	2	.....
Dec. 10	Detroit United Railway	Flint	Car repairing	3	.....	3	.....
Dec. 20	Dort Motor Car Co	Flint	Automobiles	534	57	591	4
Dec. 12	Eing Ning	Flint	Laundry	5	.....	5	.....
Dec. 15	Ellis, David W	Flint	Bicycle repairing	4	.....	4	.....
Dec. 4	Ephraim, M	Flint	Cigars	2	9	11	.....
Dec. 21	Flint City Water Works	Flint	Water	113	5	118	.....
Dec. 14	Flint Coal Co	Flint	Coal and building supplies	37	4	41	.....
Dec. 12	Flint Daily Journal, The	Flint	Printed matter	67	17	84	4
Dec. 12	Flint Foundry Co	Flint	Castings	58	8	66	.....
Dec. 3	Flint Labor News	Flint	Printed matter	4	2	6	1
Dec. 14	Flint Lumber Co	Flint	Lumber	70	1	71	.....
Dec. 7	Flint Paint Specialty Works, The	Flint	Paints	4	.....	4	.....
Dec. 6	Flint Pattern & Foundry Co	Flint	Patterns	3	1	4	.....
Dec. 7	Flint Printing Co., The	Flint	Printed matter	20	9	29	2
Dec. 20	Flint Scrap Iron & Metal Co., The	Flint	Junk	16	2	18	.....
Dec. 11	Flint Specialty Co	Flint	Whip sockets	5	2	7	.....
Dec. 12	Flint Spring Water Ice Co., The	Flint	Ice	51	1	52	.....
Dec. 8	Flint Storage Battery & Electric Co	Flint	Storage batteries	8	1	9	.....
Dec. 6	Flint Tent & Awning Co	Flint	Awnings and auto tops	4	4	8	.....
Dec. 15	Flint Upholstering Co	Flint	Upholstering	3	.....	3	.....
Dec. 12	Flint Varnish & Color Works	Flint	Paints and varnish	144	19	163	3
Dec. 7	Flint Vulcanising Works	Flint	Tire repairing	4	1	5	.....
Dec. 21	Flushing Farmers Elevator Co	Flint	Hay, grain, etc	4	22	26	.....
Dec. 8	Ford Sales Co	Flint	Sales and service	22	4	26	.....
Dec. 14	Freeman Dairy Co	Flint	Dairy products	105	5	110	.....
Dec. 10	Garner's Bakery	Flint	Baked goods	9	2	11	.....
Dec. 12	Genesee Bottling Works	Flint	Soft drinks	11	.....	11	.....
July 2	Genesee Iron Works	Flint	Castings	28	1	29	1
Dec. 6	Genesee Manufacturing Co	Flint	Auto tops, etc	7	8	15	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GENESEE CO.—*Con.*						
Dec. 10	Gillies, F. A.	Flint	Tailoring	1	.....	1	.....
Dec. 6	Gordon's American Laundry	Flint	Laundry	11	43	54	.....
Dec. 12	Greissell Bread Co., The	Flint	Baked goods	39	7	46	.....
Dec. 5	Hardy Baking Co.	Flint	Baked goods	28	1	29	2
Dec. 10	Hayes, W. V	Flint	Blacksmithing	2	.....	2	.....
Dec. 14	Hearsch-Wesson Manufacturing Co.	Flint	Woodworking	28	1	29	24
Dec. 5	Henderson Plumbing Co	Flint	Plumbing	10	1	11	.....
Dec. 6	Henderson, Thos. J., Jr	Flint	Heating	7	1	8	.....
Dec. 10	Home Laundry	Flint	Laundry	14	52	66	.....
Dec. 6	Hossie, Fred	Flint	Sheet metal	4	1	5	.....
Dec. 10	Hurd Auto Sales Co	Flint	Auto repairing	9	1	10	.....
Dec. 11	Imperial Wheel Co	Flint	Auto wheels	197	2	199	3
Dec. 4	Iroquois Co., The	Flint	Cigars	15	42	57	.....
Dec. 19	Jellis, J. & Co	Flint	Flour and feed	14	3	17	.....
Dec. 22	Jenson, B. F	Flint	Blacksmithing	2	.....	2	.....
Dec. 4	Jones, Glenn W	Flint	Cigars	3	3	6	.....
Dec. 15	Kellerman, A. R	Flint	Upholstering	3	.....	3	.....
Dec. 10	Koegel, A. & Co	Flint	Meats	4	1	5	.....
Dec. 20	Lande's Iron & Metal Co	Flint	Junk	7	1	8	.....
Dec. 12	Leeds Tailors	Flint	Tailoring	4	.....	4	.....
Dec. 6	Lintz, C. H. Co	Flint	Auto repairing	10	2	12	.....
Dec. 21	Lorraine Candy Co., The	Flint	Confectionery	6	1	7	.....
Dec. 21	Love, Earl D. Co	Flint	Lumber	2	.....	2	.....
Dec. 10	Lunt & Davison	Flint	Auto repairing	5	2	7	.....
Dec. 11	McPhee, W. H	Flint	Tailoring	3	2	5	.....
Dec. 7	Main Market, The	Flint	Meats	9	1	10	.....
Dec. 6	Marble Brothers	Flint	Electrical supplies	5	1	6	.....
Dec. 12	Marshall Auto Co	Flint	Auto repairing	7	1	8	.....
Dec. 20	Marvel Carburetor Co	Flint	Carburetors	172	125	297	3
Dec. 5	Maynard, Ernest E	Flint	Cigars	7	3	10	.....
Dec. 14	Michigan Coal Co	Flint	Coal and wood	4	2	6	.....
Dec. 22	Michigan Light Co	Flint	Gas	97	22	119	.....
Dec. 18	Michigan Lumber & Fuel Co	Flint	Lumber and fuel	12	.....	12	.....
Dec. 13	Michigan Motor Castings Co	Flint	Castings	1,099	78	1,177	10
Dec. 13	Michigan State Telephone Co	Flint	Telephone service	26	150	176	.....
Dec. 7	Miller, John	Flint	Plumbing	3	1	4	.....
Dec. 10	Model Bakery	Flint	Baked goods	5	2	7	1
Dec. 10	Model Bakery	Flint	Baked goods	2	5	7	.....
Dec. 18	M. & S. Electric Co	Flint	Electrical supplies	11	1	12	1
Dec. 15	National Express Co	Flint	Common carrier	37	7	44	.....
Dec. 20	National Iron & Metal Co	Flint	Junk	6	1	7	.....
Dec. 6	Newitt, Herbert H	Flint	Plumbing	10	1	11	.....
Dec. 6	Nickle, Samuel	Flint	General repairing	5	.....	5	.....
Dec. 19	Nottingham, W. F	Flint	Baked goods	6	1	7	.....
Dec. 20	Paris Candy Co., The	Flint	Candy and ice cream	8	1	9	.....
Dec. 12	Park Garage, The	Flint	Auto repairing	4	.....	4	.....
Dec. 18	Paterson Auto Sales Co	Flint	Auto repairing	5	1	6	.....
Dec. 19	Paterson, W. A. Co	Flint	Automobiles	54	8	62	.....
Dec. 4	Patterson Press, The	Flint	Printing	4	1	5	.....
Dec. 12	Peer, Charles G	Flint	Coal	6	.....	6	.....
Dec. 8	Peninsular Flour Mills	Flint	Flour and grain	15	2	17	.....
Dec. 12	Peoples Cash Meat Market	Flint	Meat	4	1	5	.....
Dec. 11	Pere Marquette Railroad Co	Flint	Railroading	53	9	62	1
Dec. 11	Pollock Truck & Transfer Co	Flint	Transfer	13	1	14	.....
Dec. 10	Powers' Flint Ice Cream Co	Flint	Ice cream	6	2	8	.....
Dec. 4	Princess Manufacturing Co., The	Flint	Ladies' garments	3	2	5	.....
Dec. 6	Raab, John J	Flint	Printing	2	.....	2	.....
Dec. 20	Randall Lumber & Coal Co	Flint	Lumber and coal	41	2	43	.....
Dec. 18	Rippe, C. Co	Flint	Cigars	4	1	5	.....
Dec. 10	Roe, H	Flint	Paper	22	1	23	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GENESEE CO.—*Con.*						
Dec. 3	St. Clair, C. H. & Son	Flint	Meats	4	1	5	.....
Dec. 6	Seeley's Dyeing & Cleaning Works	Flint	Dyeing and cleaning	6	5	11	.....
Dec. 4	Shank-Coupland-Long Co	Flint	Plumbing and tinning	27	1	28	.....
Dec. 6	Sills, J. E. Electric Co	Flint	Electrical supplies	39	1	40	.....
Dec. 18	Singer Sewing Machine Co	Flint	Sewing machines	8	2	10	.....
Dec. 4	Smith Printing Co	Flint	Job printing	9	.....	9	1
Dec. 5	Snook-Jackson Co	Flint	Job printing	6	1	7	.....
Dec. 15	Soulby Tire Co	Flint	Tire repairing	4	.....	4	.....
Dec. 12	Standard Electro Plating Works	Flint	Nickel plating	12	.....	12	2
Dec. 14	Standard Oil Co	Flint	Oil	20	1	21	.....
Dec. 4	Sterner, Edwin Co	Flint	Plumbing	48	2	50	.....
Dec. 20	Stevenson, T. H	Flint	Meats	3	.....	3	.....
Dec. 18	Stewart, Wm. E	Flint	Woodworking	10	8	18	.....
Dec. 12	Stewart, W. F. Co	Flint	Auto bodies	821	8	829	6
Dec. 12	Streat, Frank R. & Son	Flint	Cigars	4	3	7	.....
Dec. 20	Sugar Bowl, The	Flint	Confectionery	8	2	10	.....
Dec. 15	Svenagaard, Harry Sales Corporation	Flint	Motorcycle repairing	3	.....	3	.....
Dec. 10	Symons-Moffett Co	Flint	Wholesale groceries	21	8	29	.....
Dec. 8	Taeckens, Louis	Flint	General repairing	6	.....	6	.....
Dec. 10	Talcott Ice Cream Co	Flint	Ice cream	3	1	4	.....
Dec. 10	Teachout Bros	Flint	Dry cleaning	15	3	18	1
Dec. 24	Terbush, W. D	Flint	Harness	3	.....	3	.....
Dec. 6	Tracy Bros	Flint	Candy	5	2	7	.....
Dec. 20	Trojan Laundry Co	Flint	Laundry	28	64	92	1
Dec. 15	Up-To-Date Tailoring Co	Flint	Tailoring	3	.....	3	1
Dec. 12	Valley Printing Co	Flint	Job printing	5	1	6	1
Dec. 6	Vehicle City Broom Factory	Flint	Brooms	1	2	3	.....
Dec. 14	Veit & Davison Lumber Co	Flint	Lumber and coal	30	2	32	.....
Dec. 12	Veit & Perry	Flint	Leather, hides, etc	5	1	6	.....
Dec. 12	Walker-Weiss Axle Co	Flint	Auto axles and hubs	308	10	318	5
Dec. 15	Washer, C. M	Flint	Tailoring	4	.....	4	.....
Dec. 8	Watson, Harry W. Co	Flint	Cigars	12	4	16	.....
Dec. 11	Weller & Austin	Flint	Job printing	3	.....	3	.....
Dec. 12	Western Union Telegraph Co	Flint	Telegraph service	20	10	30	12
Dec. 13	Weston-Mott Co	Flint	Auto parts	2,194	50	2,244	8
Dec. 8	White Market, The	Flint	Meats	4	1	5	.....
Dec. 7	Wolverine Citizen, The	Flint	Printed matter	1	4	5	.....
Dec. 10	Wright's Tire Shop	Flint	Tire repairing	5	1	6	.....
Dec. 21	Backofen's Laundry	Flushing	Laundry	1	1	2	.....
Dec. 21	Cuddeback, J. C. Auto Co	Flushing	Auto repairing	3	.....	3	.....
Dec. 21	Flushing Observer, The	Flushing	Printed matter	2	1	3	.....
Dec. 21	French, James B	Flushing	Hardware	4	1	5	.....
Dec. 21	Hart Milling & Power Co	Flushing	Flour and power	4	.....	4	.....
Dec. 21	Home Bakery, The	Flushing	Baked goods	2	1	3	.....
Dec. 21	Larkin, Roy H. & Co	Flushing	Auto repairing	2	.....	2	.....
Dec. 21	Letts, Ed	Flushing	Meats	2	.....	2	.....
Dec. 21	McQueen's Market	Flushing	Meats	2	.....	2	.....
Dec. 21	Michigan State Telephone Co	Flushing	Telephone service	2	3	5	.....
Dec. 21	Miller, H. D. Garage	Flushing	Auto repairing	3	1	4	.....
Dec. 23	Cozadd, W. B	Gaines	Hardware	3	.....	3	.....
Dec. 22	Fiedman, Fred	Gaines	Meats	1	.....	1	.....
Dec. 22	Judson Brothers	Gaines	Produce	2	.....	2	.....
Nov. 30	Jerome, M. A	Goodrich	Flour and feed	2	.....	2	.....
Nov. 30	Yerkey & Putnam	Goodrich	Auto repairing	4	.....	4	.....
Dec. 22	Grand Blanc Cooperative Co., The	Grand Blanc	Grain, hay, etc	6	2	8	.....
Dec. 22	Grand Blanc Garage	Grand Blanc	Auto repairing	2	.....	2	.....
Dec. 22	State Creamery Co., The	Grand Blanc	Dairy products	3	.....	3	.....
Nov. 27	Felch Bakery	Linden	Baked goods	1	2	3	.....
Nov. 27	Linden Cooperative Creamery	Linden	Dairy products	2	1	3	.....
Nov. 27	Linden Elevator, The	Linden	Produce	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GENESEE CO.—*Con.*						
Nov. 27	Hastings Garage	Linden	Auto repairing	4	.....	4	.....
Nov. 27	Linden Milling Co	Linden	Flour	3	.....	3	.....
Nov. 27	Stiles, E. B	Linden	Produce	4	.....	4	.....
Dec. 1	Montrose Elevator Co	Montrose	Grain and beans	2	1	3	.....
Dec. 1	Montrose Home Creamery	Montrose	Dairy products	2	.....	2	.....
Dec. 1	Montrose Record, The	Montrose	Printed matter	2	1	3	.....
Dec. 1	Montrose Telephone Co	Montrose	Telephone service	4	1	5	2
Dec. 1	Shoup, M. M. & Son	Montrose	Auto repairing	3	.....	3	.....
Dec. 1	Zacharias, S. F. Hardware Co	Montrose	Hardware	2	.....	2	.....
Nov. 30	Beckwith & Sanderson	Mt. Morris	Auto repairing	3	.....	3	.....
Nov. 30	Mt. Morris Cooperative Elevator Co	Mt. Morris	Beans and grain	4	.....	4	.....
Nov. 28	Burroughs, J. P. & Son	Otisville	Grain and beans	3	10	13	.....
Nov. 28	Ford Garage	Otisville	Auto repairing	2	.....	2	.....
Nov. 28	Gillson, F. & E	Otisville	Meats	2	.....	2	.....
Nov. 28	Otisville Grist Mill	Otisville	Feed	2	.....	2	.....
Nov. 28	Parker Hardware Co	Otisville	Hardware	6	.....	6	.....
Nov. 28	Spring Brook Dairy Co	Otisville	Dairy products	3	.....	3	.....
Dec. 22	Chase, David	Swartz Creek	Meats	2	.....	2	.....
Dec. 22	Richardson, W. H	Swartz Creek	Auto repairing	3	.....	3	.....
Dec. 22	Swartz Creek Grain Co	Swartz Creek	Produce and lumber	4	13	17	.....
Dec. 22	Thompson & Bristol	Swartz Creek	Hardware	3	.....	3	.....
	GLADWIN COUNTY.						
Oct. 8	Beaverton Creamery Co	Beaverton	Butter	3	.....	3	.....
Oct. 8	Beaverton Elevator Co., The	Beaverton	Grain and beans	6	.....	6	.....
Oct. 8	Beaverton Light & Power Co	Beaverton	Light and power	2	.....	2	.....
Oct. 8	Beaverton Telephone Co	Beaverton	Telephone service	2	4	6	.....
Oct. 8	Collet, Herman	Beaverton	Blacksmithing	2	.....	2	.....
Oct. 8	Farmers & Builders Supply Co	Beaverton	Lumber and cement	2	.....	2	.....
Oct. 8	Wickham & Nash	Beaverton	Automobiles	5	.....	5	.....
Oct. 8	Flynn & Neely	Gladwin	Grain and beans	5	.....	5	.....
Oct. 3	Fries, Charles	Gladwin	Blacksmithing	2	.....	2	.....
Oct. 4	Gladwin Butter Co	Gladwin	Butter	4	.....	4	.....
Oct. 3	Gladwin City Water Works	Gladwin	Water	1	.....	1	.....
Oct. 3	Gladwin County Record, The	Gladwin	Printed matter	4	1	5	.....
Oct. 9	Gladwin Flouring Mills	Gladwin	Flour and feed	2	.....	2	1
Oct. 9	Hanna, Frank P	Gladwin	Dry cleaning	1	.....	1	.....
Oct. 9	Hefkra, Andrew	Gladwin	Shoe repairing	1	.....	1	.....
Oct. 3	Laycock, A. & Sons	Gladwin	Harness	4	.....	4	.....
Oct. 4	Libby, McNeill & Libby	Gladwin	Pickles	1	.....	1	.....
Oct. 8	McGeorge, E. A. & Son	Gladwin	Grain and beans	6	2	8	.....
Oct. 8	McNees, Miss Minnie	Gladwin	Millinery	.....	2	2	.....
Oct. 3	Mitchell, William	Gladwin	Blacksmithing	2	.....	2	.....
Oct. 3	Morris, M. Robert	Gladwin	Automobiles	5	.....	5	.....
Oct. 9	Schultz, J. & Son	Gladwin	Electricity	1	.....	1	.....
Oct. 9	Shaw, W. M	Gladwin	Auto repairing	2	.....	2	.....
Oct. 4	Smith, W. E	Gladwin	Machine repairing	5	.....	5	.....
Oct. 3	Tower Creamery Co	Gladwin	Dairy products	1	.....	1	.....
Oct. 3	Vanest, J. B. & Son	Gladwin	Lumber	3	.....	3	.....
Oct. 9	Aspell, Edward	Rhodes	Blacksmithing	1	.....	1	.....
Oct. 9	Gladwin Dairy & Produce Co	Wagerville	Butter	4	1	5	.....
Oct. 9	Jaineac, A. N	Wagerville	Blacksmithing	1	.....	1	.....
	GOGEBIC COUNTY.						
Dec. 7	Babicky, Chas. & Son	Bessemer	Meats and groceries	3	2	5	.....
Dec. 13	Bessemer Bakery, The	Bessemer	Baked goods	6	3	9	.....
Dec. 13	Bessemer Candy Kitchen	Bessemer	Ice cream and candy	1	2	3	.....
Dec. 7	Bessemer Creamery Co	Bessemer	Dairy products	1	.....	1	.....
Dec. 13	Bessemer Electric Co	Bessemer	Electrical supplies	4	1	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GOGEBIC CO.—*Con.*						
Dec. 7	Bessemer Lumber Co	Bessemer	Lumber	5	.....	5	.....
Dec. 13	City Harness Shop	Bessemer	Harness	1	.....	1	.....
Dec. 14	Corgiate, Peter	Bessemer	Shoe repairing	1	.....	1	.....
Dec. 13	Cychosz, John P	Bessemer	Tailoring	5	.....	5	.....
Dec. 7	Filippini, Angelo R	Bessemer	Shoe repairing	1	.....	1	.....
Dec. 14	Frick, John J	Bessemer	Furniture	2	1	3	.....
Dec. 14	Gaudette, Mrs. Urquhart	Bessemer	Millinery	.....	2	2	.....
Dec. 14	Graham & Pecard	Bessemer	Auto repairing	7	1	8	.....
Dec. 13	Hensen, C. Lumber Co	Bessemer	Lumber and coal	8	.....	8	.....
Dec. 7	Hauly, Yep	Bessemer	Laundry	1	2	3	.....
Dec. 14	Heotes, John	Bessemer	Tailoring	1	1	2	.....
Dec. 7	Herald Publishing Co., The	Bessemer	Printing	2	1	3	.....
Dec. 13	Ironwood & Bessemer Railway & Light Co	Bessemer	Light and power	5	1	6	.....
Dec. 13	Lintelmann, A	Bessemer	Meats and provisions	6	4	10	1
Dec. 14	Mattrella, James	Bessemer	Tailoring and cleaning	1	.....	1	.....
Dec. 14	Moroni & Moncher	Bessemer	Meats and produce	5	1	6	.....
Dec. 14	Otto, Fred	Bessemer	Blacksmithing	4	.....	4	.....
Dec. 14	Pricco, Geo	Bessemer	Custom tailoring	1	.....	1	.....
Dec. 7	Quinnesec Iron Mining Co., The	Bessemer	Mining iron ore	859	.....	859	.....
Dec. 13	Rund, Chas	Bessemer	Meats and provisions	6	.....	6	.....
Dec. 13	Selin, H	Bessemer	Furniture and hardware	3	.....	3	.....
Dec. 14	Shanahan, J. W	Bessemer	Printing	1	.....	1	.....
Dec. 13	Swanson & Carlson Co., The	Bessemer	Meats and groceries	5	2	7	.....
Dec. 7	Waters, Wm. & Co	Bessemer	Meats and groceries	5	2	7	.....
Nov. 30	American Express Co	Ironwood	Express service	3	.....	3	.....
Dec. 4	Anderson & Oksa	Ironwood	Furniture	2	1	3	.....
Nov. 30	Armour & Co	Ironwood	Meats	9	.....	9	.....
Dec. 5	Ashland Mine	Ironwood	Iron ore	95	.....	95	.....
Nov. 30	Bentzen, Julius Electric Co., The	Ironwood	Electrical supplies	4	1	5	.....
Nov. 30	Blasing, H. A. Marble Works	Ironwood	Monuments	1	.....	1	.....
Nov. 27	Blatz, Val Brewing Co	Ironwood	Beer	5	.....	5	.....
Dec. 3	Brensel, C. C	Ironwood	Custom tailoring	4	2	6	.....
Dec. 4	Brannas, Wm	Ironwood	Plumbing	15	1	16	.....
Nov. 27	Buss Creamery, The	Ironwood	Cream products	6	2	8	1
Dec. 5	Coulter-Book Operations	Ironwood	Iron ore	146	.....	146	1
Nov. 30	Cudahy Packing Co	Ironwood	Wholesale meats	6	.....	6	.....
Dec. 4	Dear, Ernest	Ironwood	Plumbing	4	1	5	.....
Dec. 4	Finnish Printing Co., The	Ironwood	Printing	5	.....	5	.....
Dec. 5	Gramm, Otto	Ironwood	Painting	2	1	3	.....
Nov. 30	Hager, F. J. Lumber Co	Ironwood	Lumber and coal	10	1	11	.....
Dec. 1	Harri, John	Ironwood	Custom tailoring	2	.....	2	.....
Dec. 4	Heidemann & Thompson	Ironwood	Blacksmithing	10	.....	10	.....
Nov. 30	Hing, Eng	Ironwood	Laundry	4	.....	4	.....
Dec. 1	Independent Tailors	Ironwood	Custom tailoring	4	.....	4	.....
Nov. 30	Ironwood Baking Co	Ironwood	Baked goods	3	2	5	.....
Nov. 30	Ironwood & Bessemer Ry. & Light Co	Ironwood	Light, power and water	55	4	59	1
Dec. 5	Ironwood Brewing Co., The	Ironwood	Beer	6	.....	6	.....
Nov. 27	Ironwood Cash Meat Market	Ironwood	Meats	2	1	3	.....
Dec. 3	Ironwood Dye Works	Ironwood	Dyeing and cleaning	2	1	3	.....
Dec. 3	Ironwood Gas Co	Ironwood	Gas	4	1	5	1
Nov. 27	Ironwood Steam Laundry	Ironwood	Laundry	2	5	7	.....
Dec. 4	Ironwood Times, The	Ironwood	Printing	3	1	4	.....
Nov. 28	Johnson, M	Ironwood	Sewing machines	1	.....	1	.....
Nov. 30	Kearney, F. H. Co	Ironwood	Flour, grain and feed	5	.....	5	.....
Nov. 28	Kneebone, Mrs. S	Ironwood	Ice cream	.....	3	3	.....
Dec. 6	Koski, Matti	Ironwood	Painting	5	1	6	.....
Nov. 28	Ladin, L	Ironwood	Hardware	5	1	6	.....
Nov. 30	Lesselyong Hardware Co	Ironwood	Hardware	5	.....	5	.....
Nov. 28	Liebermann, Theo	Ironwood	Tailoring	1	1	2	.....
Dec. 1	Lutey, R	Ironwood	Florist	5	2	7	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GOGEBIC CO.—*Con.*						
Dec. 4	Maki, Herman	Ironwood	Shoe repairing	2	.....	2	.....
Dec. 4	Michigan Scrap Iron Co	Ironwood	Scrap iron	2	.....	2	1
Nov. 28	Michigan State Telephone Co	Ironwood	Telephone service	7	22	29	.....
Dec. 5	Mueller, Adolph	Ironwood	Harness	3	.....	3	.....
Dec. 1	Nattelblad, Otto	Ironwood	Custom tailoring	2	.....	2	.....
Dec. 4	Nelson, Hogen	Ironwood	Contracting	4	.....	4	.....
Dec. 5	Newport Mining Co., The	Ironwood	Iron ore	1,383	11	1,394	2
Nov. 28	News Record Publishing Co	Ironwood	Printing	6	1	7	.....
Dec. 4	Nesworski, J. J	Ironwood	Meats	4	.....	4	.....
Nov. 30	Northern Baking Industry	Ironwood	Baked goods	9	3	12	1
Dec. 8	Oliver Iron Mining Co	Ironwood	Iron ore	2,650	2	2,652	12
Dec. 3	Oliver & Lyne	Ironwood	Blacksmithing	4	.....	4	.....
Dec. 4	Olson & Bergquist	Ironwood	Woodworking	13	1	14	1
Dec. 5	Oriental Steam Dye Works	Ironwood	Dyeing	1	1	2	.....
Dec. 4	Oxnam Fuel Co	Ironwood	Coal and wood	6	1	7	.....
Nov. 28	Paulos, Geo	Ironwood	Ice cream and candy	2	1	3	.....
Nov. 30	Peterson, W. G. Co	Ironwood	Produce	6	.....	6	.....
Nov. 30	Peterson Bros	Ironwood	Groceries and bakery	16	7	23	2
Dec. 4	Piittari, Karl	Ironwood	Tailoring	2	1	3	.....
Dec. 4	Public Service Garage, The	Ironwood	Auto repairing	5	1	6	.....
Nov. 30	Range Plumbing & Heating Co	Ironwood	Plumbing	7	1	8	2
Dec. 5	Reid, Samuel	Ironwood	Meats and groceries	3	.....	3	.....
Nov. 30	Rintala, August	Ironwood	Tailoring	4	1	5	.....
Dec. 8	Roach & Seeber Co	Ironwood	Wholesale groceries	8	3	11	1
Nov. 27	Sauter, Joseph G	Ironwood	Cigars	6	1	7	1
Dec. 5	Scott & Howe Lumber Co	Ironwood	Lumber	211	.....	211	4
Nov. 28	Seaman's	Ironwood	Ladies' ready to wear	1	5	6	.....
Dec. 1	Silberg & Ketola	Ironwood	Furniture	3	.....	3	.....
Dec. 3	Sopko, John J	Ironwood	Meats and groceries	4	1	5	1
Dec. 5	Standard Oil Co	Ironwood	Oil	5	.....	5	.....
Nov. 30	Stevens, Max	Ironwood	Painting	1	1	2	.....
Dec. 1	Sullivan & Coumbe	Ironwood	Baked goods	2	3	5	.....
Dec. 4	Superior Bakery	Ironwood	Baked goods	12	.....	12	.....
Nov. 30	Thomas, Healy & Co	Ironwood	Hay, grain and flour	4	.....	4	.....
Nov. 27	Union Bottling Works	Ironwood	Soft drinks	3	.....	3	.....
Nov. 28	Universal Auto Co	Ironwood	Auto repairing	9	1	10	.....
Dec. 1	Western Union Telegraph Co	Ironwood	Telegraph service	4	1	5	2
Nov. 28	Wienberg, Harry	Ironwood	Hardware	3	.....	3	.....
Nov. 30	Wiklund, Andrew	Ironwood	Shoe repairing	2	.....	2	.....
Dec. 6	Morgan Co	Jesseville	Building supplies	4	1	5	.....
Dec. 18	Coates & Tweed	Verona	Iron	403	1	404	4
Dec. 17	Ahlstedt, Paul	Wakefield	Shoe repairing	1	.....	1	.....
Dec. 17	City Meat Market	Wakefield	Meats and groceries	4	1	5	.....
Dec. 18	Erspamer & Mayheu	Wakefield	Hardware and furniture	2	.....	2	.....
Dec. 18	Fitger Brewing Co	Wakefield	Beer	4	.....	4	.....
Dec. 17	Lake Front Store, The	Wakefield	Meats and groceries	4	1	5	.....
Dec. 17	McDonald, H. J	Wakefield	Blacksmithing	2	.....	2	.....
Dec. 17	Mattola & Co	Wakefield	Furniture	2	.....	2	.....
Dec. 17	Milligan & Daly	Wakefield	Cigars	3	.....	3	1
Dec. 17	Olson, A. F	Wakefield	Ice cream and candy	1	2	3	.....
Dec. 17	Ringsmuth, Anton	Wakefield	Hardware	4	.....	4	.....
Dec. 17	Saeks, L	Wakefield	Tailoring	1	.....	1	.....
Dec. 18	Wakefield Advocate, The	Wakefield	Printed matter	2	1	3	.....
Dec. 17	Wakefield Electric Co	Wakefield	Electrical supplies	2	1	3	.....
Dec. 18	Wakefield Iron Co., The	Wakefield	Iron ore	452	.....	452	4
Dec. 18	Wakefield Lumber Co	Wakefield	Lumber	6	.....	6	.....
Dec. 17	Yep, Chas	Wakefield	Laundry	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GRAND TRAVERSE COUNTY.						
May 17	Crandall, D. E. & Son	Grawn	Lumber	20	.....	20	.....
May 17	Van Keulen & Winchester Lumber Co.	Interlochen	Lumber	38	.....	38	.....
May 16	Dunn, Howard Wesley	Kingsley	Lumber	20	.....	20	.....
May 16	Grand Traverse Sun	Kingsley	Printed matter	1	1	2	.....
May 16	Linton, I. D	Kingsley	Harness	2	.....	2	.....
May 16	Schone, John Estate	Kingsley	Lumber	8	.....	8	.....
May 15	Wursburg, W. F	Kingsley	Blacksmithing	1	.....	1	.....
May 8	Abbott, W. H	Traverse City	Blacksmithing	2	.....	2	.....
May 15	Adams Express Co	Traverse City	Express service	4	1	5	.....
May 8	Arms & Cole	Traverse City	Plumbing	7	1	8	.....
May 8	Bain & Miller	Traverse City	Plumbing	4	.....	4	.....
May 7	Bartak, A. W. & Son	Traverse City	Meats and produce	5	.....	5	.....
May 9	Bell's Bakery	Traverse City	Baked goods	3	1	4	.....
May 8	Bensley's Steam Dye Works	Traverse City	Cleaning	2	3	5	.....
May 8	Boardman River Electric Light & Power Co	Traverse City	Light and power	13	.....	13	.....
May 11	Brodhagan, Henry	Traverse City	Passenger service	5	.....	5	.....
May 9	Brosch, Wm	Traverse City	Meats	2	.....	2	.....
May 11	Brown Lumber Co	Traverse City	Lumber	65	1	66	1
May 12	Burden's Garage	Traverse City	Auto repairing	5	.....	5	.....
May 9	Caldwell & Loudon	Traverse City	Wagons	8	1	9	.....
May 14	Campbell Folding Crate Co	Traverse City	Potato crates	14	.....	14	.....
May 7	Carey Millinery	Traverse City	Millinery	.....	4	4	.....
May 12	Citizens Telephone Co	Traverse City	Telephone service	12	23	35	.....
May 7	City Bakery	Traverse City	Baked goods	3	2	5	.....
May 15	Coddington, W. M	Traverse City	Robes	2	.....	2	.....
May 11	Cornwell Co., The	Traverse City	Meats	7	2	9	.....
May 8	Cox, C. S	Traverse City	Meats	2	.....	2	.....
May 9	Detroit Bakery	Traverse City	Baked goods	4	.....	4	.....
May 8	Ebner Brothers	Traverse City	Job printing	5	3	8	.....
May 8	Goode's Garage	Traverse City	Auto repairing	15	1	16	.....
May 14	Gothic Press, The	Traverse City	Job printing	3	1	4	.....
May 8	Grand Traverse Auto Co	Traverse City	Auto repairing	17	1	18	.....
May 9	Greilick Mfg. Co	Traverse City	Tables and chairs	119	23	142	3
May 10	Hannah & Lay Mercantile Co	Traverse City	Coal and lumber	18	.....	18	.....
May 9	Hannah & Lay Mercantile Co., The	Traverse City	Plumbing	6	1	7	.....
May 14	Hannah & Lay Co	Traverse City	Flour	10	2	12	.....
May 7	Harvey-Haas Co	Traverse City	Job printing	4	1	5	.....
May 8	Heumann, J. D	Traverse City	Tailoring	3	1	4	.....
May 7	Hobbs, W. J	Traverse City	Meats	2	.....	2	.....
May 10	Hopkins, James C	Traverse City	Coal	4	1	5	.....
May 15	Hormuth, Peter	Traverse City	Cigars	3	1	4	.....
May 12	Jahraus, A. W	Traverse City	Cigars	5	.....	5	.....
May 8	Johnson G. J. Cigar Co	Traverse City	Cigars	1	20	21	.....
May 10	Joyce, A. L. & Son	Traverse City	Soft drinks	6	.....	6	.....
May 15	Kaufman, L. G	Traverse City	Cigars	3	1	4	.....
May 7	Klaiber, Miss Ida	Traverse City	Millinery	.....	2	2	.....
May 9	La Mode Millinery	Traverse City	Millinery	.....	3	3	.....
May 11	Lardie, Geo. W. & Son	Traverse City	Cooperage	5	1	6	.....
May 9	Lawrence, Mrs. W. G	Traverse City	Millinery	.....	3	3	.....
May 11	Leesberg Shoe Mfg. Co	Traverse City	Shoes	33	21	54	.....
May 12	Limpricht, Chas. H	Traverse City	Harness	2	.....	2	.....
May 14	Lutz, Glen	Traverse City	Meats	2	.....	2	.....
May 11	McGough, Est. of J. H	Traverse City	Produce	4	1	5	.....
May 9	Masenich Printing Co	Traverse City	Job printing	2	.....	2	.....
May 7	Mercer, R. J. Co	Traverse City	Hardware	8	.....	8	.....
May 8	Michigan State Telephone Co	Traverse City	Telephone service	4	11	15	.....
May 10	Mikesell & Co	Traverse City	Canned goods	7	1	8	.....
May 9	Morgan, John C. Co	Traverse City	Cider	5	1	6	.....
May 10	National Grocer Co	Traverse City	Wholesale groceries	19	5	24	.....
May 9	Nemec, Tony	Traverse City	Blacksmithing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GRAND TRAVERSE CO.—*Con.*						
May 10	Oval Wood Dish Co., The	Traverse City	Woodenware	242	120	362	3
May 9	Paris Sugar Bowl	Traverse City	Candy	3	.....	3	.....
May 11	Pere Marquette Railway Co	Traverse City	Car-repairing	16	.....	16	.....
May 11	Pere Marquette Railway Co	Traverse City	Freight	10	3	13	.....
May 11	Pere Marquette Railway Co	Traverse City	Shop repairing	26	.....	26	1
May 11	Pere Marquette Railway Co	Traverse City	Yard department	40	1	41	.....
May 8	Petander, Emil	Traverse City	Bicycle repairing	2	.....	2	.....
May 11	Petertyl, Victor	Traverse City	Sleigh runners, etc	31	1	32	.....
May 7	Postal Telegraph Co	Traverse City	Telegraph service	1	.....	1	.....
May 8	Potato Implement Co	Traverse City	Implements	34	2	36	.....
May 15	Progress Laundry	Traverse City	Laundry	4	8	12	.....
May 10	Queen City Bottling Co	Traverse City	Soft drinks	7	1	8	.....
May 14	Queen City Floral Co	Traverse City	Flowers	8	.....	8	.....
May 8	Queen City Implement Co	Traverse City	Implements	3	1	4	.....
May 12	Quick, Chas. E	Traverse City	Merchant tailoring	4	2	6	.....
May 9	Rickerd, A. W	Traverse City	Monuments	11	.....	11	.....
May 15	Round, H. W	Traverse City	Machine repairing	3	.....	3	.....
May 12	Saxon Agency	Traverse City	Auto repairing	4	1	5	.....
May 14	Skirt & Novelty Co	Traverse City	Skirts	2	53	55	.....
May 12	Slaby, H. J	Traverse City	Blacksmithing	2	.....	2	.....
May 9	Sladek, Frank	Traverse City	Tailoring	4	.....	4	.....
May 8	Slater Auto Co	Traverse City	Auto repairing	5	.....	5	.....
May 10	Standard Oil Co	Traverse City	Oils	5	.....	5	.....
May 14	Steimel, B. F	Traverse City	Meats	2	.....	2	.....
May 10	Straub Bros. & Amiotte	Traverse City	Candy	23	30	53	.....
May 11	Tarbuck & Schulgen	Traverse City	Machine repairing	5	.....	5	.....
May 10	Taylor, C. B. Coal Co., The	Traverse City	Building material	4	1	5	.....
May 10	Traverse City Brewing Co	Traverse City	Beer	8	.....	8	.....
May 9	Traverse City Casket Co	Traverse City	Caskets	4	1	5	.....
May 8	Traverse City Cigar Box Co	Traverse City	Cigar boxes	1	2	3	.....
May 15	Traverse City Electric Light & Power Department	Traverse City	Light and power	7	1	8	.....
May 10	Traverse City Elgin Creamery	Traverse City	Dairy products	4	.....	4	.....
May 8	Traverse City Gas Co	Traverse City	Gas	14	.....	14	.....
May 14	Traverse City Iron Works	Traverse City	Machine repairing	33	1	34	.....
May 9	Traverse City Mattress & Bedding Co	Traverse City	Mattresses	3	1	4	.....
May 10	Traverse City Milling Co	Traverse City	Flour	8	2	10	.....
May 12	Traverse City Overland Co	Traverse City	Auto repairing	15	.....	15	.....
May 7	Traverse City Record-Eagle	Traverse City	Printed matter	17	2	19	3
May 15	Traverse City Refrigerator Co	Traverse City	Refrigerators	32	.....	32	2
May 14	Traverse City Steam Laundry	Traverse City	Laundry	4	17	21	.....
May 8	Traverse City Wagon Works	Traverse City	Wagons	7	.....	7	.....
May 15	Traverse City Water Department	Traverse City	Water	9	.....	9	.....
May 7	Trude, Frank	Traverse City	Hardware	3	.....	3	.....
May 8	Votruba, F. Harness Co	Traverse City	Harness	5	1	6	.....
May 10	Wells-Higman Co	Traverse City	Baskets	190	14	204	13
May 8	West Michigan Garage	Traverse City	Auto repairing	10	1	11	.....
May 8	Whiting Garage	Traverse City	Auto repairing	4	.....	4	.....
	GRATIOT COUNTY.						
May 10	Alma Bottling Works	Alma	Soft drinks	2	.....	2	.....
May 8	Alma City Laundry	Alma	Laundry	5	14	19	.....
May 8	Alma Elevator Co	Alma	Grain and beans	4	31	35	.....
May 12	Alma Garage Co	Alma	Auto repairing	4	.....	4	.....
Jan. 11	Alma Garden Shop, The	Alma	Furniture	5	.....	5	.....
May 11	Alma Journal, The	Alma	Printed matter	5	1	6	.....
May 11	Alma Record Publishing Co., The	Alma	Printed matter	6	1	7	.....
May 7	Alma Roller Mills	Alma	Flour and grain	16	17	33	.....
May 10	Bartley's Market	Alma	Meats and groceries	4	.....	4	.....
May 10	Bennett, Mrs. F. A	Alma	Millinery	.....	2	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GRATIOT CO.—*Con.*						
May 9	Berman, E. & Sons	Alma	Junk	7	.....	7	.....
May 11	Brewer's Market	Alma	Meats	5	.....	5	.....
May 10	Brown, R. H	Alma	Plumbing	4	.....	4	.....
May 12	Central Michigan Light & Power Co	Alma	Light and power	4	1	5	.....
Jan. 11	Clapp, Earl C	Alma	Hardware	4	1	5	.....
May 10	Eckert's Market	Alma	Meats	3	.....	3	.....
Jan. 11	Gaffney Style Shop, The	Alma	Millinery	.....	5	5	.....
May 12	Gratiot County Gas Co	Alma	Light and heat	10	2	12	.....
May 8	Home Lumber & Fuel Co	Alma	Lumber and fuel	8	1	9	.....
May 7	Ideal Concrete Block Co	Alma	Concrete blocks	4	.....	4	.....
May 8	Johnson, C. M	Alma	Auto repairing	5	1	6	1
May 10	Kean Bros	Alma	Blacksmithing	3	.....	3	.....
May 7	Libby, McNeill & Libby	Alma	Pickles	2	2	4	.....
May 7	Libby, McNeill & Libby	Alma	Food products	34	41	75	4
May 10	Lybolt, Lee	Alma	Blacksmithing	2	.....	2	.....
May 9	McKenzie Bros	Alma	Cigars	3	1	4	.....
May 15	Michigan State Telephone Co	Alma	Telephone service	3	10	13	.....
May 8	Michigan Sugar Co	Alma	Sugar	310	3	313	.....
May 15	Model Bakery	Alma	Baked goods	5	2	7	.....
May 11	Ogle, C. A. & Son	Alma	Harness	4	.....	4	.....
May 10	Perrigo, M. L	Alma	Auto repairing	3	1	4	.....
May 10	Pitman, Mrs. A. W	Alma	Millinery	.....	2	2	.....
May 9	Republic Motor Truck Co., Inc	Alma	Motor trucks	1,554	65	1,619	29
May 15	Smith's Bakery	Alma	Baked goods	2	1	3	.....
May 10	Smith, Nelson S	Alma	Beans and produce	2	14	16	.....
May 7	Swift & Co	Alma	Dairy products	56	52	108	.....
May 9	Thornton, L. G	Alma	Plumbing	3	.....	3	.....
May 15	Union Telephone Co., The	Alma	Telephone service	2	11	13	.....
May 7	Waite, F. E. Co., The	Alma	Auto repairing	3	.....	3	.....
May 9	Wheaton, J. M	Alma	Concrete blocks	5	.....	5	.....
Jan. 31	Alart & McGuire Co	Ashley	Pickles	1	.....	1	.....
May 5	Ashley Tile Co	Ashley	Tile and brick	10	.....	10	.....
Jan. 31	Ballard, F. E	Ashley	Blacksmithing	2	.....	2	.....
May 5	Creamo Cheese Co	A hley	Cheese	3	.....	3	.....
May 5	Green, Chas. A	Ashley	Lumber	4	.....	4	.....
May 5	Independent Elevator Co	Ashley	Flour and grain	2	.....	2	.....
Jan. 31	Kirby, L. K	Ashley	Auto repairing	2	.....	2	.....
May 5	Rockafellow Grain Co	Ashley	Grain and beans	3	16	19	.....
May 5	Todd, G. W. & Son	Ashley	Baked goods	2	1	3	.....
May 5	Zigler, B. I	Ashley	Meats	1	.....	1	.....
May 4	Alart & McGuire	Bannister	Pickles	10	4	14	.....
May 4	Bannister Elevator Co	Bannister	Grain and beans	4	16	20	.....
Jan. 31	Cox, Judd	Bannister	Harness	3	.....	3	1
May 4	Kiter, Frank R	Bannister	Auto repairing	2	.....	2	.....
Jan. 31	Letts, R. G	Bannister	Lumber	1	.....	1	.....
Jan. 31	Union Telephone Co	Bannister	Telephone service	.....	1	1	.....
May 25	Breckenridge American	Breckenridge	Printed matter	1	1	2	.....
May 25	Breckenridge Farmers' Elevator Co	Breckenridge	Beans and grain	3	36	39	.....
May 25	Breckenridge Garage	Breckenridge	Auto repairing	3	.....	3	.....
Jan. 8	Coleman, Geo. W	Breckenridge	Blacksmithing	2	.....	2	.....
May 25	Crawford & Co	Breckenridge	Grain and beans	4	16	20	.....
May 25	Krenz, Ed. F	Breckenridge	Meats	2	.....	2	.....
May 25	Roth Bros	Breckenridge	Auto repairing	2	.....	2	.....
May 25	Sherman, Job	Breckenridge	Meats	2	.....	2	.....
Jan. 8	Stewart, Alex	Breckenridge	Meats	3	.....	3	.....
May 25	Weed, Elmer	Breckenridge	Harness	2	.....	2	1
May 25	Weed, Homer J	Breckenridge	Farm produce	2	.....	2	.....
May 25	Zubler, H. J	Breckenridge	Plumbing	3	.....	3	.....
May 28	Elwell Elevator Co	Elwell	Beans	3	16	19	.....
May 3	Forest Hill Elevator Co	Forest Hill	Grain and beans	2	10	12	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GRATIOT CO.—*Con.*						
May 18	Barrone, Chas. H.	Ithaca	Meats	3	.....	3	.....
Jan. 30	Brown, C. M.	Ithaca	Harness	4	.....	4	.....
May 17	Brown Motor Sales Co.	Ithaca	Auto repairing	6	.....	6	.....
Jan. 30	Byers, C. E.	Ithaca	Blacksmithing	2	.....	2	.....
May 17	Doran & McCredie	Ithaca	Butter	4	.....	4	.....
Jan. 30	Gratiot County Gas Co.	Ithaca	Gas	1	.....	1	.....
May 18	Gratiot County Herald	Ithaca	Printed matter	8	3	11	.....
May 19	Havana Cigar Co., The	Ithaca	Cigars	2	2	4	.....
Jan. 30	Ithaca Creamery	Ithaca	Dairy products	2	.....	2	.....
May 18	Ithaca Gleaner-Farmers' Elevator Co.	Ithaca	Beans and grain	9	28	37	.....
Jan. 30	Ithaca Light & Water Works	Ithaca	Light and water	7	1	8	.....
May 19	Ithaca Lumber & Coal Co.	Ithaca	Lumber and coal	7	.....	7	.....
May 17	Ithaca Roller Mills	Ithaca	Flour, grain, etc.	12	31	43	.....
May 18	Ithaca Steam Laundry	Ithaca	Laundry	2	3	5	.....
May 18	Kinsel, W. H.	Ithaca	Baked goods	3	1	4	.....
Jan. 30	Michigan State Telephone Co.	Ithaca	Telephone service	1	4	5	.....
May 19	Nelson & Mathews Produce Co.	Ithaca	Farm produce	3	.....	3	.....
May 17	Parker, Howard	Ithaca	Auto repairing	5	.....	5	.....
May 17	Reeves, Leslie D.	Ithaca	Blacksmithing	3	.....	3	.....
Jan. 30	Rockwell, Mrs. F. D.	Ithaca	Millinery	1	2	3	.....
May 18	Rowell, Grace E.	Ithaca	Millinery	.....	2	2	.....
May 17	Rowell, J. B. & Son	Ithaca	Auto repairing	4	.....	4	.....
Jan. 30	Ryckman, Theo.	Ithaca	Harness	3	.....	3	.....
May 17	Tedhams, Hugh	Ithaca	Blacksmithing	2	.....	2	.....
Jan. 30	Thompson, H. B.	Ithaca	Jewelry	2	1	3	.....
Jan. 30	Tucker, Mrs. W. D.	Ithaca	Millinery	.....	3	3	.....
May 19	Willoughby, Wm.	Ithaca	Blacksmithing	2	.....	2	.....
May 18	Winget, Geo. W. & Son	Ithaca	Meats	4	.....	4	.....
May 16	Chase, C. B.	Middleton	Blacksmithing	2	.....	2	.....
May 16	Economy Garage, The	Middleton	Auto repairing	2	.....	2	.....
Feb. 7	Gilbert, Burt	Middleton	Harness	2	.....	2	.....
May 16	Hart, Geo. S. Co.	Middleton	Cheese	2	.....	2	.....
Feb. 7	Home Bakery, The	Middleton	Baked goods	1	1	2	.....
May 16	Mertz, Wm.	Middleton	Auto repairing	4	.....	4	.....
May 16	Mertz, Wm.	Middleton	Light	2	.....	2	.....
Feb. 7	Middleton Electric Light Co.	Middleton	Light	2	.....	2	.....
May 16	Middleton Farmers' Elevator Co.	Middleton	Grain and beans	4	.....	4	.....
Feb. 7	Middleton Garage, The	Middleton	Auto repairing	3	.....	3	.....
May 16	Middleton Record, The	Middleton	Printed matter	1	3	4	.....
May 16	Rockafellow Grain Co.	Middleton	Grain and beans	4	11	15	.....
May 4	Adamek, O. C.	North Star	Blacksmithing	1	.....	1	.....
Feb. 1	Lott, E. M. & Co.	North Star	Meats	1	1	2	.....
May 4	North Star Elevator Co.	North Star	Grain and beans	5	21	26	.....
May 4	North Star Tile Co., The	North Star	Tile	10	.....	10	.....
May 4	Reist & Son	North Star	Cream cheese	3	.....	3	.....
May 16	Detrich, E. W.	Perrinton	Blacksmithing	2	.....	2	.....
May 16	Harris, G. A.	Perrinton	Blacksmithing	2	.....	2	.....
May 16	Helman, E. A.	Perrinton	Meats	2	.....	2	.....
May 16	Libby, McNeill & Libby	Perrinton	Evaporated milk	74	3	77	.....
Feb. 7	Sheridan, M. E. & Co.	Perrinton	Farm produce	2	.....	2	.....
May 16	Stockbridge Elevator Co.	Perrinton	Grain and beans	2	4	6	.....
Feb. 7	Wolverine Condensed Milk Co.	Perrinton	Condensed milk	60	1	61	.....
May 16	Gould, L. R.	Pompeii	Meats	1	.....	1	.....
May 16	Grobargh, Jay	Pompeii	Blacksmithing	1	.....	1	.....
May 16	Jessup, Geo. L.	Pompeii	Grain	6	21	27	.....
May 28	Looker, A. J.	Riverdale	Blacksmithing	1	.....	1	.....
May 28	Riverdale Elevator Co.	Riverdale	Beans	3	3	6	.....
May 28	Riverdale Promoter, The	Riverdale	Printed matter	1	.....	1	.....
Feb. 1	Union Telephone Co., The	Riverdale	Telephone service	1	2	3	.....
May 24	Alma Standard Foundry Mfg. Co.	St. Louis	Foundry	25	.....	25	5

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	GRATIOT CO.—*Con.*						
May 23	Brewer, Grant L. & Son	St. Louis	Monuments	3	.....	3	.....
May 23	Brewer, W. R. & Co	St. Louis	Meats	4	.....	4	.....
Jan. 10	Brewer, W. R. & Co	St. Louis	Meats	3	.....	3	.....
May 22	Burlingame & Son	St. Louis	Auto repairing	7	.....	7	.....
May 21	Burns, John & Son	St. Louis	Harness	3	.....	3	.....
May 24	Clegg, F. S	St. Louis	Blacksmithing	2	.....	2	.....
Jan. 10	Gratiot County Gas Co	St. Louis	Gas	2	.....	2	.....
May 24	Hall, W. H	St. Louis	Building material	10	.....	10	.....
May 22	Hofstetter Bros	St. Louis	Baked goods	4	2	6	.....
May 23	Holland-St. Louis Sugar Co	St. Louis	Sugar	153	4	157	.....
May 23	Housel, C. V	St. Louis	Meats	1	.....	1	.....
May 24	Lane, B. R	St. Louis	Repairing	3	.....	3	.....
May 23	Michigan State Telephone Co	St. Louis	Telephone service	1	5	6	.....
Jan. 10	Nichols, Geo. G	St. Louis	Jewelry	1	1	2	.....
May 21	St. Louis-Alma Bottling Works	St. Louis	Soft drinks	2	.....	2	.....
May 22	St. Louis Cooperative Creamery Co	St. Louis	Butter	3	.....	3	.....
May 22	St. Louis Granite & Marble Works	St. Louis	Monuments	1	.....	1	.....
May 24	St. Louis Leader, The	St. Louis	Printed matter	3	1	4	.....
May 22	St. Louis Light & Water Works	St. Louis	Light and water	4	.....	4	.....
May 22	St. Louis Roller Mills	St. Louis	Flour and grain	4	.....	4	.....
Jan. 10	St. Louis Steam Laundry	St. Louis	Laundry	2	3	5	.....
May 24	Smith, W. H	St. Louis	Farm produce	2	.....	2	.....
May 24	Swartz, J. F	St. Louis	Foundry	4	.....	4	.....
May 23	Union Telephone Co., The	St. Louis	Telephone service	1	5	6	.....
Jan. 10	Wolf, Robt. & Co	St. Louis	Auto repairing	3	.....	3	.....
May 21	Yates, W. H	St. Louis	Blacksmithing	2	.....	2	.....
May 25	Wheeler Elevator Co	Wheeler	Grain and beans	4	21	25	.....
	HILLSDALE COUNTY.						
Jan. 4	Camden Roller Mills	Camden	Flour and feed	4	.....	4	.....
Jan. 4	Clark Bros. Garage	Camden	Auto repairing	4	.....	4	.....
Jan. 4	Economy Electric Co	Camden	Light and power	3	.....	3	.....
Jan. 2	Alamo Engine Co., The	Hillsdale	Gasoline engines	266	7	273	2
Jan. 2	Alamo Farm Light Co	Hillsdale	Light	66	.....	66	.....
Jan. 2	Alco Foundry & Machine Co	Hillsdale	Rails and door hangers	5	.....	5	.....
Jan. 2	Aldrich, G. A. & Co	Hillsdale	Auto repairing	9	.....	9	.....
Jan. 4	Bail's Steam Laundry	Hillsdale	Laundry	1	2	3	.....
Jan. 2	Bents Bros. Garage	Hillsdale	Auto repairing	7	1	8	.....
Jan. 4	Chapman, Mrs. A. B	Hillsdale	Millinery	.....	3	3	.....
Jan. 2	Chapple, C. W. & Co	Hillsdale	Coal and wood	3	1	4	.....
Jan. 2	City Hall Garage	Hillsdale	Auto repairing	5	.....	5	.....
Jan. 2	Corlett, R. J. & Sons	Hillsdale	Lumber and coal	2	2	4	.....
Jan. 4	Engelhardt, Geo	Hillsdale	Baked goods	3	1	4	2
Jan. 3	Good Taste Bakery	Hillsdale	Baked goods	2	.....	2	.....
Jan. 3	Hayes, C. S	Hillsdale	Dry cleaning	2	.....	2	.....
Jan. 4	Hayes, R. W	Hillsdale	Job printing	4	1	5	.....
Jan. 3	Hillsdale County Cooperative Assn	Hillsdale	Coal and feed	3	.....	3	.....
Jan. 2	Hillsdale Daily News, The	Hillsdale	Printed matter	11	3	14	.....
Jan. 3	Hillsdale Elgin Creamery Co	Hillsdale	Dairy products	4	.....	4	.....
Jan. 3	Hillsdale Fuel & Lumber Co	Hillsdale	Lumber and coal	3	1	4	.....
Jan. 4	Hillsdale Gas Light Co	Hillsdale	Light	10	1	11	.....
Jan. 3	Hillsdale Grocery Co	Hillsdale	Groceries	11	3	14	.....
Jan. 3	Hillsdale Leader, The	Hillsdale	Printed matter	1	.....	1	.....
Jan. 4	Hillsdale Light & Water Works	Hillsdale	Light and water	12	.....	12	.....
Jan. 3	Hillsdale Merchandise Co., The	Hillsdale	Woodenware	4	1	5	.....
Jan. 2	Hillsdale Robe & Tanning Co., The	Hillsdale	Furriers	6	13	19	.....
Jan. 5	Hillsdale Screen Co	Hillsdale	Door and window screens	46	9	55	.....
Jan. 2	Keyes, L. D	Hillsdale	Baked goods	4	.....	4	.....
Jan. 3	Lincoln & Decker	Hillsdale	Auto repairing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HILLSDALE CO.—*Con.*						
Jan. 3	Manee, A. J.	Hillsdale	Meats	4	1	5	.....
Jan. 3	Michigan State Telephone Co.	Hillsdale	Telephone service	4	17	21	.....
Jan. 4	New York Central Railroad Co.	Hillsdale	Freight	26	6	32	.....
Jan. 4	New York Central Railroad Co.	Hillsdale	Engine repairing	21	.....	21	.....
Jan. 3	Oberlien, Avis	Hillsdale	Baked goods	2	1	3	.....
Jan. 3	Pinkham & Wright	Hillsdale	Auto repairing	8	1	9	.....
Jan. 3	Rapid Shoe Repair Shop	Hillsdale	Shoe repairing	4	.....	4	.....
Jan. 3	Roethlisberger, L. E.	Hillsdale	Auto repairing	3	.....	3	.....
Jan. 3	South End Market	Hillsdale	Meats	3	1	4	.....
Jan. 3	Star Steam Laundry	Hillsdale	Laundry	5	7	12	.....
Jan. 2	Stock, F. W. & Sons	Hillsdale	Flour	46	4	50	.....
Jan. 3	Stoll, O. A.	Hillsdale	Flowers	4	.....	4	.....
Jan. 3	Tasker, H. M.	Hillsdale	Monuments	3	.....	3	.....
Jan. 3	Veeder Broom Co.	Hillsdale	Brooms	4	.....	4	.....
Jan. 3	Western Reserve Condensed Milk Co., The	Hillsdale	Condensed milk	7	.....	7	.....
Jan. 5	Gregory, E. B.	Jonesville	Printed matter	3	.....	3	.....
Jan. 4	Jonesville Bakery, The	Jonesville	Baked goods	2	1	3	.....
Jan. 4	Jonesville Hand Laundry	Jonesville	Laundry	2	.....	2	.....
Jan. 4	Jonesville Water Works	Jonesville	Water	4	.....	4	.....
Jan. 5	Jonesville Lumber Co.	Jonesville	Lumber and coal	4	.....	4	.....
Jan. 4	Jonesville Milling Co.	Jonesville	Flour and feed	9	.....	9	.....
Jan. 5	Pinkham & Wright	Jonesville	Auto repairing	1	.....	1	.....
Jan. 4	Poor, Berton E.	Jonesville	Cigars	15	26	41	.....
Jan. 5	Randolph, H. C.	Jonesville	Auto trailers	5	.....	5	.....
Jan. 4	Riverside Garage	Jonesville	Auto repairing	3	.....	3	.....
Jan. 5	Slessman & Sons	Jonesville	Saurkraut	40	6	46	.....
Jan. 4	Litchfield Dairy Association	Litchfield	Dairy products	6	1	7	.....
Jan. 4	Litchfield Garage	Litchfield	Auto repairing	3	.....	3	.....
Jan. 4	Litchfield Gazette, The	Litchfield	Printed matter	1	1	2	.....
Jan. 4	Litchfield Lighting Plant	Litchfield	Electricity	2	.....	2	.....
Jan. 4	Nash & Son	Litchfield	Coal and wood	3	.....	3	.....
Jan. 4	Stock, F. W. & Sons	Litchfield	Flour and feed	25	.....	25	.....
Jan. 4	Crall, James	Montgomery	Blacksmithing	2	.....	2	.....
Jan. 4	Electric Light Works	Montgomery	Electricity	1	.....	1	.....
Jan. 4	Mitchell & Co.	Montgomery	Grain and feed	3	.....	3	.....
Jan. 4	Montgomery Cheese Co.	Montgomery	Cheese	2	.....	2	.....
Jan. 4	Montgomery Record, The	Montgomery	Printed matter	1	2	3	.....
Jan. 4	Noble, A. B.	Montgomery	Farm produce	2	.....	2	.....
Jan. 4	Tri-State Cooperative Association	Montgomery	Dairy products	3	.....	3	.....
Jan. 5	Corlett, R. J. & Sons	North Adams	Lumber and coal	1	1	2	.....
Jan. 5	Greenville Dairy	North Adams	Dairy products	4	.....	4	.....
Jan. 5	North Adams Advocate, The	North Adams	Job printing	1	1	2	.....
Jan. 5	North Adams Municipal Plant	North Adams	Electricity	1	.....	1	.....
Jan. 5	Williams, F. I. & Son	North Adams	Grain and feed	5	.....	5	.....
Dec. 31	Corlett, R. J. & Sons	Pittsford	Lumber and coal	3	.....	3	.....
Dec. 31	Earl Bros.	Pittsford	Auto repairing	4	.....	4	.....
Dec. 31	Haybarker & Newell	Pittsford	Feed	3	.....	3	.....
Dec. 31	Pittsford Reporter, The	Pittsford	Printed matter	2	1	3	.....
Jan. 4	Acme Chair Co.	Reading	Chairs	75	7	82	.....
Jan. 4	Denney & Radabaugh	Reading	Cigars	2	2	4	.....
Jan. 4	Hammel, Otis	Reading	Lumber	8	.....	8	.....
Jan. 3	Main Street Garage, The	Reading	Auto repairing	4	.....	4	.....
Jan. 3	Michigan Street Garage	Reading	Auto repairing	2	.....	2	.....
Jan. 3	Paper Mache Specialties Co.	Reading	Papier mache goods	5	2	7	.....
Jan. 4	Reading Creamery	Reading	Dairy products	2	.....	2	.....
Jan. 4	Reading Hustler, The	Reading	Printed matter	3	1	4	.....
Jan. 4	Reading Light & Water Plant	Reading	Light and water	2	.....	2	.....
Jan. 4	Reading Milling Co.	Reading	Flour and feed	3	.....	3	.....
Jan. 4	Reading Robe & Tanning Co.	Reading	Fur goods	8	6	14	.....
Jan. 3	Weaver, W. W.	Reading	Fur goods	12	6	18	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HILLSDALE CO.—*Con.*						
Dec. 31	Avis Milling Co	Waldron	Flour and feed	4	.....	4	.....
Dec. 31	Hixon, Robert Lumber Co., The	Waldron	Lumber	2	.....	2	.....
Dec. 31	Kelley, E. E. & Co	Waldron	Grain and coal	4	.....	4	.....
Dec. 31	Meyers & Deville	Waldron	Lumber	7	.....	7	.....
Dec. 31	Waldron Recorder, The	Waldron	Printed matter	2	1	3	.....
	HOUGHTON COUNTY.						
Oct. 16	Anegone Bros. Co	Calumet	Candy	1	1	2	.....
Oct. 12	Antioho, Geo. & Co	Calumet	Candy	3	3	6	.....
Oct. 15	Asselin, Joseph	Calumet	Meats	9	.....	9	.....
Oct. 16	Baer Bros	Calumet	Meats	4	.....	4	.....
Oct. 16	Barnham, Burt	Calumet	Cleaning and dyeing	2	1	3	.....
Oct. 15	Barsotti Bros. Ice Cream Co	Calumet	Ice cream	1	.....	1	.....
Oct. 13	Barsotti Bros	Calumet	Ice cream and fruits	4	2	6	.....
Oct. 9	Bloy Furniture Co	Calumet	Furniture	4	1	5	.....
Oct. 12	Calumet Brewing Co., The	Calumet	Beer	21	.....	21	.....
Oct. 15	Calumet Candy Kitchen	Calumet	Candy	2	2	4	.....
Oct. 12	Calumet Garment Mfg. Co	Calumet	Garments	1	19	20	.....
Oct. 9	Calumet Granite & Marble Works	Calumet	Monuments	3	1	4	.....
Oct. 30	Calumet & Hecla Mining Co	Calumet	Copper	6,317	43	6,360	96
Oct. 16	Calumet Storage Battery Co	Calumet	Storage batteries	1	.....	1	.....
Oct. 10	Carlton Hardware Co	Calumet	Hardware	13	.....	13	.....
Oct. 13	Centennial Copper Mining Co	Calumet	Copper	152	.....	152	.....
Oct. 13	Chop, Matt	Calumet	Tailoring	3	1	4	.....
Oct. 18	Croatian Printing Co	Calumet	Printed matter	1	2	3	.....
Oct. 10	Dawe, Miss L. S	Calumet	Millinery	1	3	4	.....
Oct. 12	Demarois Bros	Calumet	Ice	4	1	5	.....
Oct. 11	Enteman, Thomas	Calumet	Cigars	3	.....	3	.....
Oct. 16	Evening Copper Journal	Calumet	Printed matter	4	.....	4	.....
Oct. 12	Farmers' Cooperative Trading Co	Calumet	Meats	5	.....	5	.....
Oct. 10	Fax, George	Calumet	Meats	4	.....	4	.....
Oct. 12	Finnish Republican Printing Co., The	Calumet	Printed matter	7	2	9	1
Oct. 13	Forster, Henry	Calumet	Shoe repairing	9	1	10	2
Oct. 15	Gasparovich, John	Calumet	Ice cream	1	.....	1	.....
Oct. 17	Gowan Millinery Co	Calumet	Millinery	.....	4	4	.....
Oct. 18	Gregorich, Tony	Calumet	Tailoring	2	1	3	.....
Oct. 17	Grichar, Joseph	Calumet	Meats	2	1	3	.....
Oct. 9	Grinnell Bros	Calumet	Pianos	1	1	2	.....
Oct. 12	Guilbault, E	Calumet	Jewelry	3	.....	3	.....
Oct. 12	Haas, A	Calumet	Beer	3	.....	3	.....
Oct. 10	Hall, John	Calumet	Clothing	1	1	2	.....
Oct. 12	Hay, Chas	Calumet	Laundry	2	.....	2	.....
Oct. 13	Hopkins, F. W	Calumet	Bicycle repairing	1	.....	1	.....
Oct. 9	Hosking Electric Co	Calumet	Electrical supplies	7	2	9	.....
Oct. 17	Houghton County Electric Light Co	Calumet	Light	19	1	20	.....
Oct. 11	Ingman, Oscar	Calumet	Blacksmithing	1	.....	1	.....
Oct. 9	Isaacson, L. & Co	Calumet	Millinery	.....	2	2	.....
Oct. 11	Johnson, Michael	Calumet	Vulcanizing	1	.....	1	.....
Oct. 11	Jova, Henry	Calumet	Meats	5	1	6	.....
Oct. 10	Keckonen Hardware Co	Calumet	Hardware	18	.....	18	1
Oct. 11	Kemp, George	Calumet	Shoe repairing	1	.....	1	.....
Oct. 9	Keweenaw Printing Co	Calumet	Printed matter	11	3	14	2
Oct. 24	Kinsman, F. M. Bottling Works	Calumet	Soft drinks	3	1	4	1
Oct. 16	Kinsman & Wagner	Calumet	Hardware	4	1	5	1
Oct. 16	LaForest, E	Calumet	Blacksmithing	1	.....	1	.....
Oct. 10	Lakeside Flower Shops	Calumet	Flowers	4	2	6	.....
Oct. 12	Lake Superior Produce Co	Calumet	Produce	7	1	8	.....
Oct. 15	Lasalle Copper Co	Calumet	Copper	111	.....	111	1
Oct. 23	Lean, H. E	Calumet	Meats	3	.....	3	.....
Oct. 17	Lee, Him	Calumet	Laundry	3	.....	3	.....
Oct. 27	Lee, Willie	Calumet	Laundry	2	.....	2	.....
Oct. 13	Lee, Willie	Calumet	Laundry	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HOUGHTON CO.—*Con.*						
Oct. 16	Lee, Willie	Calumet	Laundry	3	.....	3	.....
Oct. 15	Levin Jewelry Co	Calumet	Jewelry	1	1	2	.....
Oct. 23	McClure, James	Calumet	Auto repairing	9	.....	9	.....
Oct. 16	McLogan & Pearce	Calumet	Musical merchandise	9	3	12	1
Oct. 16	McRandle, Miss Loretta A	Calumet	Millinery	.....	3	3	.....
Oct. 12	Martinmaki, Matt	Calumet	Tailoring	1	.....	1	.....
Oct. 16	Michigan Auto Co	Calumet	Auto repairing	5	1	6	.....
Oct. 9	Michigan Dye Works	Calumet	Dyeing and repairing	2	.....	2	.....
Oct. 18	Michigan Garden	Calumet	Ice cream	3	2	5	.....
Oct. 17	Mutual Water, Light & Power Co	Calumet	Light and power	16	.....	16	.....
Oct. 17	Nardi, Joseph	Calumet	Cigars	1	.....	1	.....
Oct. 9	Nelson, Edward	Calumet	Baked goods	3	6	9	1
Oct. 16	Olson, Bivert Co	Calumet	Furniture	4	.....	4	.....
Oct. 16	Orenstein, Jas	Calumet	Furs	2	5	7	.....
Oct. 17	Osceola Consolidated Mining Co	Calumet	Copper	1,141	.....	1,141	.....
Oct. 10	Paananen, O. W	Calumet	Tailoring	3	1	4	.....
Oct. 24	Pabst Brewing Co	Calumet	Beer	5	.....	5	.....
Oct. 24	Park Brewing Co	Calumet	Beer	5	.....	5	.....
Oct. 23	Peninsula Meat Market	Calumet	Meats	8	.....	8	1
Oct. 23	People's Fuel Co., The	Calumet	Coal	22	2	24	.....
Oct. 23	Portage Coal & Dock Co	Calumet	Coal and wood	11	.....	11	.....
Oct. 15	Postal Telegraph-Cable Co	Calumet	Telegraph service	1	1	2	1
Oct. 16	Portagere, Apostle	Calumet	Ice cream	2	1	3	1
Oct. 9	Quello, Mike	Calumet	Meats	3	.....	3	.....
Oct. 10	Raad, Joseph	Calumet	Ice cream	1	.....	1	.....
Oct. 17	San Francisco Market, The	Calumet	Ice cream and fruits	2	2	4	.....
Oct. 12	Scheuermann Brewery	Calumet	Beer	5	.....	5	.....
Oct. 18	Scott, Harry S	Calumet	Printed matter	3	.....	3	1
Oct. 12	Singer Sewing Machine Co	Calumet	Sewing machines	1	2	3	.....
Oct. 15	Superior Copper Co	Calumet	Copper	151	.....	151	.....
Oct. 13	Superior Meat Market	Calumet	Meats	3	.....	3	.....
Nov. 15	Tamarack Cooperative Association	Calumet	Meats	19	.....	19	2
Oct. 10	Tommei, Paul	Calumet	Ice cream	1	1	2	.....
Oct. 18	Turk, Frank	Calumet	Tailoring	2	.....	2	.....
Oct. 23	Uleeth, Edward	Calumet	Lumber and coal	45	1	46	.....
Oct. 12	Vienna Bakery	Calumet	Baked goods	13	3	16	2
Oct. 9	Vivian, H. J	Calumet	Custom clothing	4	1	5	.....
Oct. 15	Welsing, Miss T. M	Calumet	Millinery	.....	4	4	.....
Oct. 16	Western Express Co	Calumet	Express service	7	1	8	.....
Oct. 9	Western Union Telegraph Co	Calumet	Telegraph service	8	.....	8	5
Oct. 11	Wickstrom & Wickstrom	Calumet	Meats	4	1	5	.....
Oct. 18	Wieder-Cadillac Auto Co	Calumet	Auto repairing	7	.....	7	.....
Oct. 18	Wieder Harness Co	Calumet	Harness	4	1	5	.....
Oct. 24	Ziegeler Bedding Co	Calumet	Mattresses	6	1	7	3
Aug. 30	Missilitz, W. O	Chassell	Meats	3	.....	3	.....
Aug. 30	Warner Garage	Chassell	Auto repairing	3	1	4	.....
Aug. 30	Worcester Lumber Co., Ltd	Chassell	Lumber	173	1	174	14
Sept. 27	Franklin Mining Co	Demmon	Copper	256	.....	256	.....
Sept. 27	Seager, Jas. H	Demmon	Meats	5	1	6	.....
Sept. 27	Weber Chimney Co., The	Demmon	Concrete chimneys	5	.....	5	.....
Oct. 5	Baer Bros	Dollar Bay	Meats	4	.....	4	1
Oct. 5	Dahl, Herman	Dollar Bay	Ice cream	1	2	3	1
Oct. 5	Dollar Bay Lumber Co	Dollar Bay	Lumber	67	1	68	3
Oct. 5	Foley, Frank W	Dollar Bay	Copper wire	57	.....	57	1
Oct. 5	Jurmu, Matt	Dollar Bay	Hardware	3	.....	3	.....
Oct. 5	Lake Superior Smelting Co	Dollar Bay	Copper	292	.....	292	4
Oct. 5	Lamperes, D	Dollar Bay	Shoe repairing	1	.....	1	.....
Oct. 5	Marschall, John	Dollar Bay	Meats	1	.....	1	.....
Oct. 5	Mastoras & Dalietos	Dollar Bay	Ice cream	1	1	2	.....
Oct. 5	Union Coal Dock	Dollar Bay	Coal	35	.....	35	4

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HOUGHTON CO.—*Con.*						
Sept. 22	Abrahams, M	Hancock	Tailoring	2	1	3	.....
Sept. 22	Aho, Wilhard	Hancock	Tailoring	2	1	3	.....
Sept. 14	Armour & Co	Hancock	Meats	6	.....	6	.....
Sept. 19	Armstrong-Thielman Lumber Co	Hancock	Lumber	19	1	20	.....
Sept. 20	Baer Bros	Hancock	Meats	7	1	8	1
Sept. 14	Blatz, Val Brewing Co	Hancock	Beer	3	.....	3	.....
Sept. 15	Bosch Brewing Co	Hancock	Beer	4	.....	4	.....
Sept. 14	Bridgeman-Russell Co	Hancock	Dairy products	15	1	16	3
Sept. 25	Bronzini, A	Hancock	Ice cream	1	1	2	.....
Sept. 24	Central Grocery & Meat Market	Hancock	Meats	3	1	4	.....
Sept. 19	Close & Hodgson	Hancock	Flour and feed	5	.....	5	.....
Sept. 25	Cuff, Ed. D	Hancock	Electrical supplies	5	1	6	.....
Sept. 14	Daavettila, Henry E	Hancock	Tailoring	1	1	2	.....
Sept. 20	Dale & Nicholas	Hancock	Flowers	6	2	8	.....
Sept. 13	Divecchio, Gust	Hancock	Ice cream	1	1	2	.....
Sept. 24	Donahoue, J. C	Hancock	Wall paper	3	1	4	.....
Sept. 25	Dover, Chas	Hancock	Musical instruments	5	1	6	.....
Sept. 20	Doyle's Tailor Shop	Hancock	Tailoring	2	.....	2	.....
Sept. 13	Drouin, Alphonse J	Hancock	Groceries and meats	3	1	4	.....
Sept. 14	Duluth Brewing & Malting Co	Hancock	Beer	4	1	5	.....
Sept. 20	Evening Copper Journal, The	Hancock	Printed matter	20	5	25	2
Sept. 19	Exley, Paul H	Hancock	Blacksmithing	11	.....	11	1
Sept. 22	Farmers' Cooperative Trading Co	Hancock	Meats	6	1	7	1
Sept. 28	Fallon's Garage	Hancock	Auto repairing	4	.....	4	.....
Sept. 25	Finnish Lutheran Book Concern, The	Hancock	Publishing	19	6	25	3
Sept. 13	Fredd's Vulcanizing Plant	Hancock	Vulcanizing	3	.....	3	.....
Sept. 21	Funkey Hardware Co	Hancock	Hardware	3	.....	3	1
Sept. 26	Funkey, William	Hancock	Plumbing	5	.....	5	1
Sept. 22	Gekas, Chas	Hancock	Ice cream	2	2	4	.....
Sept. 25	Godfrey, E. R. & Sons Co	Hancock	Produce	10	.....	10	1
Sept. 25	Grand Union Tea Co	Hancock	Tea and coffee	3	.....	3	.....
Sept. 19	Great Lakes Transit Corporation	Hancock	Freight and storage	3	.....	3	.....
Sept. 24	Grinnell Bros	Hancock	Pianos, etc	11	5	16	.....
Sept. 25	Hamilton, Ed. A	Hancock	Plumbing	3	1	4	.....
Sept. 21	Hancock Consolidated Mining Co	Hancock	Copper	514	2	516	6
Sept. 25	Hancock Lumber Co	Hancock	Lumber	4	.....	4	.....
Sept. 21	Hancock Star Bakery	Hancock	Baked goods	16	2	18	1
Sept. 25	Hecker, William H	Hancock	Paints	3	1	4	.....
Sept. 22	Hendrickson, John	Hancock	Blacksmithing	4	.....	4	1
Sept. 24	Henry, John	Hancock	Laundry	2	.....	2	.....
Sept. 13	Holland, Daniel A	Hancock	Meats	2	.....	2	.....
Sept. 22	Honkanen, M	Hancock	Tailoring	1	.....	1	.....
Sept. 20	Jennings Sisters	Hancock	Millinery	.....	6	6	.....
Sept. 24	Jonassen, Miss S	Hancock	Millinery	.....	2	2	.....
Sept. 13	Kaarlela, Fred	Hancock	Blacksmithing	1	.....	1	.....
Sept. 13	Karvonen, John P	Hancock	Blacksmithing	1	.....	1	.....
Sept. 20	Kerredge, Wm	Hancock	Hardware	5	.....	5	1
Sept. 24	Klemetti, Hugo	Hancock	Tailoring	2	1	3	.....
Sept. 19	Laurell, Theodore	Hancock	Tailoring	3	1	4	.....
Sept. 24	Laugier Piano Co	Hancock	Pianos	2	1	3	.....
Sept. 14	Lehto, Isaac & Sons	Hancock	Meats	8	.....	8	.....
Sept. 22	Lepisto, N. & Co	Hancock	Meats	6	.....	6	.....
Sept. 25	Lieblein, Ed. M	Hancock	Groceries	29	2	31	1
Sept. 13	Lindquist, Henry	Hancock	Baked goods	4	.....	4	1
Sept. 20	Lung, Chas	Hancock	Laundry	3	.....	3	.....
Sept. 14	Lung, On	Hancock	Laundry	1	.....	1	.....
Sept. 25	McMahon Hat Shop	Hancock	Millinery	.....	3	3	.....
Sept. 15	Mason, Chas. S	Hancock	Fuel, grain, etc	10	2	12	.....
Sept. 19	Michel's Overall Mfg. Co	Hancock	Overalls	2	10	12	.....
Sept. 14	National Bottling Works	Hancock	Soft drinks	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HOUGHTON CO.—CON.						
Sept. 25	Niemi, Andrew	Hancock	Shoe repairing	1	.....	1	.....
Sept. 25	Niemi, John	Hancock	Shoe repairing	2	.....	2	.....
Sept. 13	Nordstrom, Oscar	Hancock	Meats	3	.....	3	1
Sept. 20	Olgren, Jacob	Hancock	Blacksmithing	2	.....	2	.....
Sept. 20	Ongie, Mrs. Oscar	Hancock	Ice cream	1	5	6	.....
Sept. 13	Paoli, Ralph & Co	Hancock	Macaroni	2	.....	2	.....
Sept. 14	Park Brewing Co., The	Hancock	Beer	18	1	19	.....
Sept. 19	Pelto, August	Hancock	Tailoring	3	2	5	.....
Sept. 25	Petaja, Andrew	Hancock	Furniture	2	.....	2	.....
Sept. 20	Polkko, Paavo	Hancock	Blacksmithing	1	.....	1	.....
Sept. 24	Portage Coal & Dock Co., The	Hancock	Coal	34	1	35	.....
Sept. 25	Pulkkinen, Emil	Hancock	Shoe repairing	5	.....	5	.....
Sept. 27	Quincy Mining Co	Hancock	Copper	1,477	6	1,483	10
Oct. 5	Quincy Smelting Works	Hancock	Copper	114	2	116	.....
Sept. 24	Roche & Maloy	Hancock	Baked goods	3	1	4	1
Sept. 20	Rourke, Richard, Jr	Hancock	Electrical supplies	2	1	3	.....
Sept. 14	Sakari, Henry	Hancock	Meats	22	3	25	.....
Sept. 13	Saxby, C. B	Hancock	Wood	4	.....	4	2
Sept. 24	Scott's Laundry	Hancock	Laundry	7	13	20	.....
Sept. 24	Seideman Sign Co	Hancock	Sign painting	2	.....	2	1
Sept. 25	Shoer, M	Hancock	Meats	2	.....	2	1
Sept. 19	Starrett Printshop, The	Hancock	Job printing	3	2	5	.....
Sept. 26	Stodden, Thomas W	Hancock	Auto repairing	4	1	5	.....
Sept. 24	Sullivan, James	Hancock	Plumbing	3	.....	3	.....
Sept. 19	Superior Box & Novelty Co	Hancock	Box shooks	7	.....	7	.....
Sept. 20	Superior Print Shop	Hancock	Job printing	3	.....	3	1
Sept. 22	Tatas, Mike	Hancock	Shoe repairing	2	.....	2	.....
Sept. 21	Tillman, A. A. & Co	Hancock	Auto repairing	3	.....	3	.....
Sept. 22	Vollwerth, Richard	Hancock	Meats	5	1	6	2
Sept. 22	Western Express Co	Hancock	Express service	4	1	5	.....
Sept. 24	Western Union Telegraph Co	Hancock	Telegraph service	3	1	4	2
Sept. 13	West Hancock Macaroni Factory	Hancock	Macaroni	1	.....	1	.....
Sept. 20	Wieder, Benjamin	Hancock	Harness	4	.....	4	.....
Sept. 25	Williams, Isaac J	Hancock	Tailoring	2	1	3	.....
Oct. 6	Atlas Powder Co	Houghton	Explosives	178	1	179	3
Sept. 12	Carroll, M. J	Houghton	Auto repairing	5	.....	5	.....
Sept. 6	Cochran, John A	Houghton	Soft drinks	7	4	11	1
Sept. 10	Colombe Garage, The	Houghton	Auto repairing	2	.....	2	.....
Sept. 4	Copper Range Railroad Co	Houghton	Car repairing	100	.....	100	.....
Sept. 5	Copper Range Railroad Co	Houghton	Passenger service	177	5	182	.....
Sept. 11	Cosby & Jennings	Houghton	Wall paper	2	.....	2	.....
Sept. 10	Crago & Lauren	Houghton	Tailoring	6	.....	6	.....
Sept. 6	Cudahy Packing Co., The	Houghton	Meats	6	.....	6	.....
Sept. 7	Czernkovich, Chas	Houghton	Tailoring	2	2	4	.....
Sept. 10	Foster Tea Co	Houghton	Tea	3	1	4	.....
Sept. 5	Gamble, William	Houghton	Meats	1	1	2	.....
Sept. 5	Gately-Wiggins Co	Houghton	Furniture	5	4	9	.....
Sept. 5	Gekas, Chas	Houghton	Ice cream	4	3	7	.....
Sept. 5	Gekas, Chas	Houghton	Ice cream and candy	2	2	4	.....
Sept. 7	Great Lakes Transit Corporation	Houghton	Passenger service	7	.....	7	.....
Sept. 11	Gundlach, Herman	Houghton	Contracting	16	.....	16	.....
Sept. 6	Haas, A. Brewing Co	Houghton	Beer	28	.....	28	.....
Sept. 7	Hall Electric Co	Houghton	Electrical supplies	3	1	4	.....
Sept. 6	Haug, Matt	Houghton	Jewelry	2	.....	2	.....
Sept. 5	Hildebrant, Frank	Houghton	Grain, flour, etc	3	.....	3	.....
Sept. 6	Hildebrand, Jacob	Houghton	Shoe repairing	3	.....	3	.....
Sept. 7	Hobba, Henry	Houghton	Blacksmithing	5	.....	5	.....
Sept. 10	Houghton Bakery	Houghton	Baked goods	2	1	3	.....
Sept. 12	Houghton County Electric Light Co	Houghton	Electricity	74	5	79	.....
Sept. 12	Houghton County Traction Co	Houghton	Passenger service	122	2	124	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HOUGHTON CO.—*Con.*						
Sept. 10	Houghton Hat Shop	Houghton	Ladies' hats	.....	3	3	.....
Sept. 10	Houghton Pure Food Co., The	Houghton	Meats	3	.....	3	.....
Sept. 7	Houghton Shoe Hospital	Houghton	Shoe repairing	3	.....	3	.....
Sept. 10	Houghton Tire & Vulcanizing Plant	Houghton	Vulcanizing	1	.....	1	.....
Sept. 10	Isle Royale Copper Co	Houghton	Copper	66	.....	66	1
Sept. 12	Isle Royale Copper Co	Houghton	Copper	931	.....	931	10
Sept. 6	Krager, S. & Sons	Houghton	Meats	11	1	12	1
Sept. 8	Krellwitz, A. L	Houghton	Picture frames	2	.....	2	.....
Sept. 5	Lakeside Flower Shop	Houghton	Flowers	1	1	2	.....
Sept. 4	Lake Superior Produce Co	Houghton	Produce	26	2	28	18
Sept. 6	Lieberman, S	Houghton	Custom clothing	1	1	2	.....
Sept. 11	Lund, A	Houghton	Custom clothing	2	1	3	.....
Sept. 5	Mal'roid Trading Co	Houghton	Feed	5	.....	5	.....
Sept. 7	Michels, John J	Houghton	Contracting	35	.....	35	.....
Sept. 4	Michigan Smelting Co	Houghton	Copper	189	.....	189	.....
Sept. 10	Michigan State Telephone Co	Houghton	Telephone service	10	28	38	.....
Sept. 8	Mining Gazette Co., The	Houghton	Job printing	40	3	43	3
Sept. 6	Morris & Co	Houghton	Meats	5	.....	5	.....
Sept. 6	Needham Bros	Houghton	Laundry	9	27	36	.....
Sept. 8	Northern Garage & Supply Co	Houghton	Auto repairing	19	2	21	.....
Sept. 14	Ojala Bros	Houghton	Meats	4	1	5	.....
Sept. 7	Payne's Market	Houghton	Meats	1	.....	1	.....
Sept. 12	Peninsula Wholesale Grocery, The	Houghton	Groceries	10	5	15	.....
Sept. 7	Peoples Market Co., The	Houghton	Meats	7	.....	7	.....
Sept. 5	Pollock's Shop	Houghton	Musical instruments	1	1	2	.....
Sept. 7	Portage Lake Hardware Co., Ltd	Houghton	Hardware	18	2	20	.....
Sept. 10	Postal Telegraph-Cable Co	Houghton	Telegraph service	4	1	5	3
Sept. 12	Pryor, James & Son	Houghton	Lumber	4	1	5	.....
Sept. 6	Roach & Seeber Co	Houghton	Groceries	21	8	29	1
Sept. 10	Ruelle, John J	Houghton	Meats	1	.....	1	.....
Sept. 4	Scheuermann Brewery	Houghton	Beer	25	1	26	.....
Sept. 12	Service Garage	Houghton	Auto repairing	3	.....	3	.....
Sept. 11	Shetney, H. & Co	Houghton	Decorating	7	1	8	.....
Sept. 5	Sie'ert, Geo. J	Houghton	Harness	1	.....	1	.....
Sept. 10	Stoyle, Fred	Houghton	Plumbing	5	.....	5	.....
Sept. 6	Swift, I. E. Co	Houghton	Hardware	10	3	13	.....
Sept. 5	Twin City Supply Co	Houghton	Ice	11	1	12	.....
Sept. 4	VanOrden, M. Co	Houghton	Coal and feed	22	2	24	1
Sept. 12	Wah, Sam	Houghton	Laundry	3	.....	3	.....
Sept. 14	Wallenius, John	Houghton	Shoe repairing	1	.....	1	.....
Sept. 4	Watchorn Print Shop, The	Houghton	Printed matter	1	.....	1	.....
Sept. 10	Weir, Richard A	Houghton	Plumbing	3	.....	3	1
Sept. 6	Wells Fargo & Co	Houghton	Express service	5	1	6	.....
Sept. 6	Wieber, Ferdinand	Houghton	Meats	8	.....	8	.....
Oct. 31	Ethier, Joseph	Hubbell	Coal and wood	7	.....	7	.....
Oct. 31	Frenette Bros	Hubbell	Meats	3	1	4	.....
Oct. 31	Hubbell Hardware Co	Hubbell	Hardware	2	1	3	.....
Oct. 31	Hebert, E. H	Hubbell	Meats	3	2	5	.....
Oct. 31	Hodges, John B	Hubbell	Meats	5	1	6	.....
Oct. 31	MacDonald Bros	Hubbell	Hardware	5	.....	5	.....
Oct. 31	Opal, Henry	Hubbell	Meats	5	1	6	.....
Oct. 31	Perreault, O	Hubbell	Cement blocks	4	.....	4	.....
Oct. 31	Spahn, William	Hubbell	Shoe repairing	2	.....	2	.....
Sept. 11	Champion, E. L	Hurontown	Groceries	4	1	5	1
Sept. 11	H. H. Cigar Factory	Hurontown	Cigars	3	1	4	.....
Sept. 11	Liebetrau, Ernest	Hurontown	Meats	2	.....	2	.....
Sept. 11	Rosenberg, C. F	Hurontown	Shoe repairing	3	.....	3	.....
Nov. 10	Wolverine Copper Mining Co	Kearsarge	Copper	343	.....	343	.....
Nov. 10	Wolverine Meat Co	Kearsarge	Meats	4	1	5	.....
Nov. 8	Bailey-Marsh Co	Lake Linden	Contracting	30	.....	30	6

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HOUGHTON CO.—*Con.*						
Nov. 2	Cantin, Nelson	Lake Linden	Hardware	1	1	2	.....
Nov. 8	Demars, Leo	Lake Linden	Meats	1	1	2	.....
Nov. 1	Hennes, L. & Co	Lake Linden	Meats	8	1	9	.....
Nov. 1	Jilbert, W. C	Lake Linden	Meats	5	1	6	1
Nov. 9	Lake Linden Bottling Works	Lake Linden	Soft drinks	1	.....	1	.....
Nov. 9	Lake Linden Shoe Hospital	Lake Linden	Shoe repairing	1	.....	1	.....
Nov. 9	Lake Linden Supply Co	Lake Linden	Coal and wood	6	1	7	.....
Nov. 2	Lake Shore Garage	Lake Linden	Auto repairing	3	1	4	.....
Nov. 2	Michigan State Telephone Co	Lake Linden	Telephone service	1	7	8	.....
Nov. 8	Native Copper Times	Lake Linden	Printed matter	3	.....	3	1
Nov. 2	Pearce Hardware & Furniture Co., Ltd., The	Lake Linden	Hardware, etc	11	2	13	1
Nov. 9	Sing, Quong	Lake Linden	Laundry	2	.....	2	.....
Nov. 2	Robert, Joseph X	Lake Linden	Meats	3	1	4	.....
Nov. 9	St. John, Wilfred	Lake Linden	Shoe repairing	2	.....	2	.....
Nov. 1	Savard Bros	Lake Linden	Custom clothing	1	1	2	.....
Nov. 1	Schuette & Toupin Hardware Co	Lake Linden	Hardware	4	.....	4	.....
Nov. 9	Vine, A. J. & Co	Lake Linden	Motorcycle repairing	2	.....	2	.....
Nov. 2	Western Express Co	Lake Linden	Express service	2	1	3	.....
Oct. 27	Barkhausen Oil Co	Laurium	Oils	3	.....	3	.....
Oct. 27	Born, M. & Co	Laurium	Tailoring	1	2	3	.....
Oct. 27	Bosch Brewing Co	Laurium	Beer	9	.....	9	.....
Oct. 25	Calumet Carriage Works	Laurium	General repairing	3	.....	3	.....
Oct. 25	Calumet Gas Co	Laurium	Gas and coke	12	.....	12	.....
Oct. 27	Chicago Decorating Co	Laurium	Decorating	3	.....	3	.....
Oct. 26	Columbia Steam Laundry	Laurium	Laundry	9	14	23	.....
Oct. 27	Daily Italian Miner, The	Laurium	Printed matter	3	5	8	.....
Oct. 26	Dupont, J. F. & Co	Laurium	Auto repairing	9	1	10	.....
Oct. 30	Eggen & Hoyem	Laurium	Baked goods	15	2	17	4
Oct. 25	Ervast, Herman	Laurium	Meats	4	.....	4	.....
Oct. 27	Gourd Bros	Laurium	Meats	4	.....	4	.....
Oct. 30	Harris, Wm. H	Laurium	General repairing	1	.....	1	.....
Oct. 30	Hopf, Fred	Laurium	Shoe repairing	1	.....	1	.....
Oct. 26	Joe, George	Laurium	Laundry	2	.....	2	.....
Oct. 26	Kennedy, Tom	Laurium	Tailoring	4	1	5	.....
Oct. 30	Kotajarvi, August	Laurium	Shoe repairing	1	.....	1	.....
Oct. 30	Lantz, F. H. & Co	Laurium	Meats	5	1	6	.....
Oct. 27	Marta, Battista	Laurium	Meats	2	.....	2	.....
Oct. 26	Marta, D. Estate	Laurium	Baked goods	3	1	4	.....
Oct. 30	Milford, W. F	Laurium	Contracting	58	.....	58	.....
Oct. 29	Northern Garage Co	Laurium	General repairing	4	1	5	.....
Oct. 25	Peninsula Heating & Plumbing Co	Laurium	Plumbing	20	1	21	.....
Oct. 30	Rajunen, Frank	Laurium	Shoe repairing	2	.....	2	.....
Oct. 27	Rastello, J. B	Laurium	Tailoring	3	2	5	.....
Oct. 26	Reynolds' Quality Market	Laurium	Meats	9	.....	9	1
Oct. 27	Salicetti & Carbonatto	Laurium	Meats	4	1	5	1
Oct. 30	Salotti, Chas. Dairy Co	Laurium	Dairy products	3	2	5	.....
Oct. 27	Seifert, M. W	Laurium	Cigars	3	1	4	.....
Oct. 25	Seppala, Mike	Laurium	Tailoring	1	1	2	.....
Oct. 25	Thistle Bakery	Laurium	Baked goods	4	2	6	1
Oct. 30	Van Orden, M. Co., The	Laurium	Coal and wood	20	1	21	.....
Oct. 25	Woh, Sam	Laurium	Laundry	2	.....	2	.....
Oct. 26	York Flower & Millinery Shop, The	Laurium	Flowers and millinery	.....	2	2	.....
Sept. 27	Quincy Mining Co	Mason Township	Copper	211	.....	211	12
Oct. 6	Franklin Stamp Mills	Point Mills	Copper	79	.....	79	2
Oct. 13	Lake Milling, Smelting & Refining Co., The	Point Mills	Copper	127	.....	127	.....
Sept. 27	North, S. D. & Son	Quincy	Meats	8	2	10	1
Sept. 27	Quincy Market	Quincy	Meats	6	.....	6	1
Sept. 27	Seager, Jas. H. & Co	Quincy	Meats	15	1	15	1
Sept. 26	Barkhausen Oil Co	Ripley	Oils	3	.....	3	.....
Sept. 26	Houghton Lumber Co	Ripley	Lumber	50	1	51	7

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HOUGHTON CO.—*Con.*						
Sept. 26	Portage Lake Boiler Works	Ripley	Boilers	6	.....	6	.....
Sept. 26	Portage Lake Foundry & Machinery Co	Ripley	Machinery	58	2	60	3
Sept. 26	Slattery, Edward F	Ripley	Meats	8	2	10	.....
Sept. 26	Standard Oil Co	Ripley	Oils	9	.....	9	.....
Sept. 26	Ward & Williams	Ripley	Brass work	3	.....	3	.....
	HURON COUNTY.						
Nov. 16	Bad Axe Auto Co	Bad Axe	Auto repairing	4	.....	4	.....
Nov. 16	Bad Axe Bakery	Bad Axe	Baked goods	2	1	3	1
Nov. 16	Bad Axe Grain Co	Bad Axe	Grain and beans	20	42	62	1
Nov. 16	Bad Axe Light & Water Department	Bad Axe	Light and water	5	.....	5	.....
Nov. 16	Bad Axe Lumber Co	Bad Axe	Lumber	9	1	10	.....
Nov. 16	Bad Axe Marble & Granite Works	Bad Axe	Monuments	3	.....	3	.....
Nov. 16	Cornwell Co., The	Bad Axe	Produce	2	.....	2	.....
Nov. 16	Dow, H. L. & Co	Bad Axe	Auto repairing	4	.....	4	.....
Nov. 16	Dunlap Garage Co	Bad Axe	Auto repairing	7	2	9	.....
Nov. 16	Farmers Elevator & Produce Co	Bad Axe	Grain and beans	12	16	28	.....
Nov. 16	Huron County Tribune, The	Bad Axe	Printed matter	5	1	6	.....
Nov. 16	Huron Motor Sales Co	Bad Axe	Auto repairing	3	.....	3	.....
Nov. 16	Huron Valley Mills	Bad Axe	Flour and feed	4	.....	4	.....
Nov. 16	International Milk Products Co	Bad Axe	Dairy products	8	.....	8	.....
Nov. 16	Kavanagh, J. R	Bad Axe	Meats	2	.....	2	.....
Nov. 16	Muller, E. B. & Co	Bad Axe	Chicory	11	1	12	.....
Nov. 16	Rapson, Wm. & Sons	Bad Axe	Blacksmithing	4	.....	4	.....
Nov. 15	Star Laundry	Bad Axe	Laundry	1	3	4	.....
Nov. 16	Terwilligers' Market	Bad Axe	Meats	3	.....	3	.....
Nov. 16	Thumb Bread Co	Bad Axe	Baked goods	6	.....	6	.....
Nov. 16	Tripp, B. L. & Sons	Bad Axe	Meats	4	1	5	.....
Nov. 16	Verloove & Smith	Bad Axe	Blacksmithing	2	.....	2	.....
Nov. 21	Bay Port Fish Co	Bay Port	Fish	51	.....	51	.....
Nov. 21	Gillingham, R. L. Fishing Co	Bay Port	Fish	52	.....	52	.....
Nov. 21	Lee, A. B	Bay Port	Meats	1	.....	1	.....
Nov. 21	Wallace & Morley Co	Bay Port	Flour and grain	1	10	11	.....
Nov. 21	Wallace Stone Co., The	Bay Port	Stone	78	.....	78	.....
Dec. 4	Caseville Elevator Co	Caseville	Grain and beans	3	20	23	.....
Dec. 4	Cleaver, Geo. S	Caseville	Fish	5	.....	5	.....
Dec. 4	Cline, J. W	Caseville	Blacksmithing	2	.....	2	.....
Dec. 4	Reeves, J. A	Caseville	Fish	7	.....	7	.....
Dec. 4	Saginaw Bay Fish Co	Caseville	Fish	10	.....	10	.....
Dec. 4	Wilson, W. H	Caseville	Meats	1	.....	1	.....
Nov. 19	Allison, William	Elkton	Flour and feed	2	.....	2	.....
Nov. 19	Elkton Elevator	Elkton	Grain	3	.....	3	.....
Nov. 20	Elkton Garage, The	Elkton	Auto repairing	2	.....	2	.....
Nov. 20	Elkton Light & Water Works	Elkton	Light and water	1	.....	1	.....
Nov. 20	Elkton Lumber Yards	Elkton	Lumber	1	.....	1	.....
Nov. 19	Farmers' & Gleaners' Cooperative Elevator & Creamery Co., The	Elkton	Dairy products	4	.....	4	.....
Nov. 19	Farmers' & Gleaners' Cooperative Elevator & Creamery Co., The	Elkton	Grain and beans	4	16	20	.....
Nov. 20	Hoffman, J. L	Elkton	Blacksmithing	1	.....	1	.....
Nov. 20	Hostetler, Oliver	Elkton	Meats	2	.....	2	.....
Nov. 20	Huron County Review	Elkton	Printed matter	1	.....	1	.....
Nov. 20	Rice Bros	Elkton	Dairy products	3	.....	3	.....
Nov. 20	Soehner, M. G	Elkton	Blacksmithing	3	.....	3	.....
Nov. 20	Stephens, W. J	Elkton	Harness	1	.....	1	.....
Nov. 20	Zigler & Heyman	Elkton	Cement	5	.....	5	.....
Nov. 14	Auto Repair Co	Harbor Beach	Auto repairing	2	.....	2	.....
Nov. 13	Dawson & Feick	Harbor Beach	Meats	3	.....	3	.....
Nov. 14	Farmers Cooperative Creamery	Harbor Beach	Dairy products	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HURON CO.—*Con.*						
Nov. 14	Frame, Chas. H.	Harbor Beach	Lumber	2	.....	2	.....
Nov. 14	Frame, Smith & Frame	Harbor Beach	Fish	4	.....	4	.....
Nov. 13	Hamlin, Thomas	Harbor Beach	Auto repairing	2	.....	2	.....
Nov. 13	Hamlin, Thomas	Harbor Beach	Meats	2	.....	2	.....
Nov. 14	Harbor Beach News	Harbor Beach	Printed matter	1	1	2	.....
Nov. 14	Harbor Beach Steam Laundry	Harbor Beach	Laundry	2	2	4	.....
Nov. 14	Harbor Beach Times, The	Harbor Beach	Printed matter	3	.....	3	.....
Nov. 14	Harbor Beach Water Works	Harbor Beach	Water	2	.....	2	.....
Nov. 14	Hollander, John	Harbor Beach	Fish	8	.....	8	.....
Nov. 14	Hurkett, Oscar	Harbor Beach	Fish	19	.....	19	.....
Nov. 14	Huron Milling Co., The	Harbor Beach	Wheat & corn products	278	14	292	.....
Nov. 13	Prescott, Ben C.	Harbor Beach	Baked goods	.....	2	2	.....
Nov. 13	Producers' Elevator Co.	Harbor Beach	Grain and beans	2	.....	2	.....
Nov. 13	Reuter, Joseph	Harbor Beach	Baked goods	2	.....	2	.....
Nov. 14	Reynolds, M. S.	Harbor Beach	Fish	11	.....	11	.....
Nov. 13	Ritchie, J. D.	Harbor Beach	Blacksmithing	2	.....	2	.....
Nov. 14	Wellock, Robinson	Harbor Beach	Lumber	2	.....	2	.....
Nov. 14	Wheaton, Jay	Harbor Beach	Fish	3	.....	3	.....
Nov. 26	Farmers' Cooperative Grain Co.	Kinde	Grain and beans	4	15	19	.....
Nov. 26	Kinde Elevator Co.	Kinde	Grain and hay	3	30	33	.....
Nov. 26	Kinde Lumber Yard	Kinde	Lumber	3	.....	3	.....
Nov. 26	Storbeck, O. W.	Kinde	Auto repairing	2	.....	2	.....
Nov. 26	Visitor, The	Kinde	Printed matter	1	.....	1	.....
Dec. 4	Michigan Bean Co.	Owendale	Grain and beans	4	21	25	.....
Dec. 4	Owendale Herald, The	Owendale	Printed matter	1	.....	1	.....
Dec. 4	Ritter, Thomas	Owendale	Blacksmithing	2	.....	2	.....
Nov. 4	Warner Dairy Co.	Owendale	Dairy products	2	.....	2	.....
Nov. 20	Cooperative Elevator & Milling Assn.	Pigeon	Flour and grain	6	10	16	.....
Nov. 20	Diebel, John	Pigeon	Lumber	8	.....	8	.....
Nov. 20	Diebel Auto Co.	Pigeon	Auto repairing	3	.....	3	.....
Nov. 20	Harder Garage & Salesroom	Pigeon	Auto repairing	4	1	5	.....
Nov. 21	Huron County Creamery Co.	Pigeon	Dairy products	2	.....	2	.....
Nov. 20	Pigeon Elevator Co., The	Pigeon	Grain	1	11	12	.....
Nov. 21	Pigeon Lumber Co.	Pigeon	Lumber	3	.....	3	.....
Nov. 21	Pigeon Progress, The	Pigeon	Printed matter	2	.....	2	.....
Nov. 20	Warner Dairy Co.	Pigeon	Dairy products	1	.....	1	.....
Nov. 21	Wright, C. O.	Pigeon	Meats	3	.....	3	.....
Nov. 27	Ender, Gustav	Port Austin	Blacksmithing	1	.....	1	.....
Nov. 27	Huron Canning Co.	Port Austin	Canned goods	9	10	19	4
Nov. 27	Mayes, M. H.	Port Austin	Meats	3	.....	3	.....
Nov. 27	Port Austin Fish Co., The	Port Austin	Fish	5	.....	5	.....
Nov. 27	Port Austin News, The	Port Austin	Printed matter	1	1	2	.....
Nov. 27	Port Austin Water Works	Port Austin	Water	1	.....	1	.....
Nov. 27	Wallace Co., The	Port Austin	Grain	2	10	12	.....
Nov. 27	Wallace Co., The	Port Austin	Grindstones	36	.....	36	.....
Nov. 15	Hubbard, Joseph	Port Hope	Meats	2	.....	2	.....
Nov. 15	Melligan, F. J.	Port Hope	Auto repairing	3	.....	3	.....
Nov. 15	Port Hope Elevator	Port Hope	Grain	2	24	26	.....
Nov. 15	Port Hope Lumber Co.	Port Hope	Lumber	5	.....	5	.....
Nov. 15	Port Hope Telephone Co.	Port Hope	Telephone service	1	2	3	.....
Nov. 15	Stafford Milling Co.	Port Hope	Flour and grain	3	.....	3	.....
Nov. 13	Ruth Creamery Co., The	Ruth	Dairy products	3	.....	3	.....
Nov. 13	Ruth Milling Co., The	Ruth	Flour and feed	2	.....	2	.....
Nov. 13	Wagner Bros.	Ruth	Auto repairing	2	.....	2	.....
Nov. 22	Braun, Joshua	Sebewaing	Auto repairing	3	.....	3	.....
Nov. 22	City Meat Market	Sebewaing	Meats	1	.....	1	.....
Nov. 22	Gompert, C.	Sebewaing	Fish	2	.....	2	.....
Nov. 22	Gremel & Schnepp	Sebewaing	Auto repairing	3	.....	3	.....
Nov. 22	Huron County Brewing Co.	Sebewaing	Beer	6	.....	6	.....
Nov. 22	Liken, John C. & Co.	Sebewaing	Grain	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	HURON CO.—*Con.*						
Nov. 22	Liken, John C. & Co	Sebewaing	Flour	5	1	6	.....
Nov. 23	Michigan Sugar Co	Sebewaing	Sugar	208	6	214	.....
Nov. 22	Sebewaing Blade, The	Sebewaing	Printed matter	1	1	2	.....
Nov. 22	Sebewaing Creamery	Sebewaing	Dairy products	1	.....	1	.....
Nov. 22	Sebewaing Lumber Co	Sebewaing	Lumber	3	.....	3	.....
Nov. 22	Sebewaing Sandstone Brick Co., The	Sebewaing	Brick	19	1	20	.....
Nov. 22	Star Meat Market	Sebewaing	Meats	2	.....	2	.....
Nov. 22	Thompson, James H	Sebewaing	Blacksmithing	1	.....	1	.....
Nov. 22	Bukoski Bros	Ubly	Plumbing	3	.....	3	.....
Nov. 24	Crorey, David	Ubly	Lumber	2	.....	2	.....
Nov. 23	Hires Condensed Milk Co	Ubly	Condensed milk	53	10	63	.....
Nov. 24	Miller, John H	Ubly	Meats	1	.....	1	.....
Nov. 24	Ubly Courier, The	Ubly	Printed matter	1	1	2	.....
Nov. 23	Ubly Grain Co	Ubly	Grain	2	20	22	.....
Nov. 24	Ubly Motor Sales Co	Ubly	Auto repairing	4	.....	4	.....
Nov. 24	Zulauf, J. C	Ubly	Flour and feed	2	.....	2	.....
	INGHAM COUNTY.						
July 20	Abraham, Chas. & Co	Lansing	Meats	2	.....	2	.....
Aug. 15	Acme Carpet Cleaning Co., The	Lansing	Carpet cleaning	2	2	4	.....
Mar. 13	Acme Engine Co., The	Lansing	Gasoline engines	17	1	18	.....
July 12	Adams Express Co	Lansing	Express service	16	2	18	.....
May 14	Affeldt, John & Sons	Lansing	Meats	7	1	8	.....
May 8	Allen & DeKleine Co	Lansing	Job printing	8	12	20	.....
July 12	Allen-Sparks Gas Light Co	Lansing	Gas lights	6	2	8	.....
July 11	American Dry Cleaning Co	Lansing	Cleaning and pressing	2	.....	2	.....
Aug. 8	American Express Co	Lansing	Freight	22	1	23	.....
May 11	American Laundry	Lansing	Laundry	10	38	48	.....
July 19	American Seeding Machine Co	Lansing	Implements	2	1	3	.....
July 23	Armstrong, W. W. & Co	Lansing	Plumbing	6	.....	6	.....
April 4	Atlas Drop Forge Co	Lansing	Drop forges	152	1	153	.....
Mar. 12	Auto Body Co., The	Lansing	Auto bodies	1,247	5	1,252	24
Mar. 15	Auto Wheel Co	Lansing	Auto wheels	184	1	185	9
July 14	Avenue Garage, The	Lansing	Auto repairing	6	.....	6	.....
July 24	Bailey, Orla H	Lansing	Meats	3	1	4	.....
July 19	Bailey & Bailey	Lansing	Meats	5	.....	5	.....
April 9	Bannasch, Rudolf	Lansing	Blacksmithing	4	.....	4	.....
April 19	Barker-Cole Electric Co	Lansing	Electrical supplies	34	2	36	.....
Aug. 6	Barnes, Will L	Lansing	Plumbing	7	1	8	.....
Aug. 15	Barratt, Wm	Lansing	Baked goods	8	.....	8	.....
July 23	Bascom & Smith	Lansing	Sport goods	3	1	4	.....
April 27	Bates & Edmonds Motor Co	Lansing	Gasoline engines	105	2	107	.....
Mar. 16	Bates Tractor Co	Lansing	Tractors	9	2	11	.....
June 1	Bauerle Candy Co	Lansing	Candy, etc	8	.....	8	.....
May 3	Bean Spray Pump Co	Lansing	Spray pumps	15	2	17	1
April 18	Bement Stove Repair Co	Lansing	Stove repairing	2	1	3	.....
July 17	Bender, Frank D	Lansing	Patterns	2	.....	2	.....
July 20	Bennett, C. D	Lansing	Meats	3	.....	3	1
Mar. 13	Bennett-Buick Auto Co	Lansing	Auto repairing	5	.....	5	.....
Aug. 14	Benriter, Geo. W	Lansing	Decorating	11	2	13	.....
May 7	Bike Shop, The	Lansing	Motorcycle repairing	3	.....	3	.....
Aug. 16	Birney Electric Co., The	Lansing	Electrical supplies	7	.....	7	.....
May 2	Bishop, A. G	Lansing	Dry cleaning, dyeing, etc	6	2	8	.....
July 17	Blanken & Clark	Lansing	Baked goods	2	2	4	.....
May 1	Board of Public Works	Lansing	Electricity	68	4	72	.....
May 1	Board of Public Works	Lansing	Water	84	3	87	.....
May 7	Bohnet, W. F. Electric Co	Lansing	Electrical supplies	6	.....	6	.....
May 24	Bohnet, John & Co	Lansing	Upholstering	18	2	20	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	INGHAM CO.—*Con.*						
July 18	Bopp Bros	Lansing	Meats	5	.....	5	.....
Mar. 13	Bopp, Gottfried	Lansing	Blacksmithing	3	.....	3	.....
May 28	Borden's Condensed Milk Co	Lansing	Condensed milk	34	14	48	.....
Mar. 12	Breisch, Christian & Co	Lansing	Grain and beans	4	.....	4	.....
Mar. 12	Breisch, Christian & Co	Lansing	Flour and feed	11	2	13	.....
Mar. 12	Breisch, Christian & Co	Lansing	Grain and beans	5	50	55	.....
May 14	Brenner, C. J	Lansing	Plumbing	3	.....	3	.....
July 24	Briggs, J. S	Lansing	Meats	3	.....	3	.....
July 11	Briggs Co., The	Lansing	Building supplies	9	4	13	.....
May 29	Buffalo Pitts Co	Lansing	Machinery	3	1	4	.....
Mar. 13	Bunday Bedding Co., The	Lansing	Mattresses	4	1	5	.....
May 1	Burnett, Miss F	Lansing	Gowns	.....	5	5	.....
Mar. 16	Cahill Coal Co	Lansing	Coal and wood	12	.....	12	.....
July 20	Campeau, L. J	Lansing	Meats	3	2	5	.....
July 21	Canrike, F. S	Lansing	Cigars	1	.....	1	.....
July 14	Capital Auto Co	Lansing	Auto repairing	12	2	14	.....
July 18	Capitol Baking Co	Lansing	Baked goods	5	1	6	1
Sept. 13	Capitol Castings Co	Lansing	Castings	39	.....	39	.....
May 1	Capitol City Coal Co	Lansing	Coal and wood	3	.....	3	.....
May 5	Capitol Coal Co	Lansing	Coal and wood	3	1	4	.....
July 12	Capitol City Creamery	Lansing	Butter	3	.....	3	.....
May 29	Capitol Electric Supply Co	Lansing	Electrical supplies	6	4	10	.....
July 19	Capitol City Lumber Co., The	Lansing	Lumber	15	.....	15	.....
May 29	Capitol Pressing Parlors	Lansing	Pressing, etc	1	1	2	.....
July 28	Capitol Storage & Transfer Co	Lansing	Storage and cartage	3	1	4	.....
July 19	Case, J. I. Threshing Machine Co	Lansing	Machinery	7	2	9	.....
July 11	Castle Bakery	Lansing	Baked goods	2	1	3	.....
May 14	Central Welding Co	Lansing	Welding	2	1	3	.....
July 30	Clapham, R. M. & F. E	Lansing	Meats	4	1	5	.....
May 9	Christie & Brown	Lansing	Blacksmithing	4	.....	4	.....
May 2	Christie & Brown	Lansing	Trucks	5	.....	5	.....
April 23	Citizens Telephone Co	Lansing	Telephone service	44	31	75	.....
July 19	Clark, A. J	Lansing	Meats	4	.....	4	.....
July 14	Clarkson-Blanding	Lansing	Auto repairing	11	.....	11	.....
July 20	Clever Bros	Lansing	Cement blocks	4	.....	4	.....
May 10	Clippert-Spaulding Co	Lansing	Brick	32	1	33	.....
July 11	Cogswell, John H	Lansing	Patterns	5	.....	5	.....
May 4	Cohen & Barry	Lansing	Coal and wood	5	1	6	.....
May 2	Cole, C. F	Lansing	Auto repairing	2	.....	2	.....
May 2	Connor, C. A. Ice Cream Co	Lansing	Ice cream	5	1	6	.....
May 5	Consumers Coal & Supply Co	Lansing	Coal and wood	4	1	5	.....
May 3	Consumers Power Co	Lansing	Electricity	2	.....	2	.....
May 2	Cortright, R. E. & Co	Lansing	Auto repairing	8	1	9	.....
July 18	Cove Lumber & Finish Co	Lansing	Lumber	8	.....	8	.....
May 11	Cressy's Beauty Shop	Lansing	Beauty shop	.....	2	2	.....
May 3	Dail Steel Products Co	Lansing	Steel products	34	9	43	.....
July 17	Daisy Market	Lansing	Meats	4	.....	4	.....
Mar. 12	Darling, A. M. Coal Co	Lansing	Coal and wood	9	.....	9	.....
July 24	Daschner's	Lansing	Meats	4	.....	4	.....
May 7	Davis Laundry	Lansing	Laundry	6	12	18	.....
May 29	Davis Ice Cream Co	Lansing	Ice cream	8	.....	8	.....
July 23	Deere, John Plow Co	Lansing	Implements	15	2	17	.....
July 20	Dehn, Frank	Lansing	Meats	5	2	7	2
July 10	Depue, W. A	Lansing	Cigar boxes	6	7	13	.....
July 27	Detroit Beef Co	Lansing	Meats	10	.....	10	.....
July 13	Detroit Electric Welder Co	Lansing	Welding	31	10	41	1
July 20	Donnelly & Kinney Coal Co	Lansing	Coal	5	1	6	.....
Aug. 13	Driscoll, L. A	Lansing	Coal	7	.....	7	.....
June 1	Dubois & Hughes	Lansing	Grain and feed	6	1	7	.....
May 4	Dudley Paper Co., The	Lansing	Paper	12	4	16	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	INGHAM CO.—*Con.*						
Mar. 13	Dunham, Paul E.	Lansing	Implements	3	.....	3	.....
May 11	Dunnebacke, A. J.	Lansing	Blacksmithing	2	.....	2	.....
July 28	Dunnebacke, H. J.	Lansing	Blacksmithing	1	.....	1	.....
Aug. 8	D. & A. Sales Co.	Lansing	Auto repairing	4	.....	4	.....
June 1	Electric Service Co., The	Lansing	Electrical supplies	5	1	6	.....
Aug. 7	Elliott Grocer Co.	Lansing	Wholesale groceries	14	2	16	.....
Mar. 15	Eureka Machine Co.	Lansing	Concrete mixers	18	2	20	.....
July 28	Finkbiner Bros.	Lansing	Blacksmithing	4	.....	4	.....
June 1	Fitzgerald, J. E.	Lansing	Plumbing	5	1	6	.....
May 11	Fleming, James	Lansing	Plumbing	7	1	8	.....
May 1	Fox Garment Co.	Lansing	Skirts	2	16	18	.....
Aug. 6	Franklin Printery	Lansing	Printing	2	.....	2	.....
Aug. 6	Freedman, H. H.	Lansing	Cigars	4	1	5	.....
May 14	Friedland Iron & Metal Co.	Lansing	Junk	35	9	44	.....
April 18	Gardner Printing Co.	Lansing	Job printing	2	1	3	.....
July 16	Gauss, Stephen	Lansing	Baked goods	9	2	11	1
May 23	Gerson & Carey	Lansing	Castings	42	.....	42	.....
Mar. 13	Gier Pressed Steel Co.	Lansing	Steel stampings	213	29	242	.....
May 1	Gifford Engine Co.	Lansing	Air compressors	22	2	24	.....
July 27	Godfrey Pattern Works	Lansing	Patterns	4	.....	4	.....
July 16	Goodrich, E. W.	Lansing	Furnaces	4	.....	4	.....
July 27	Grand Trunk Railway	Lansing	Transportation	32	2	34	.....
April 18	Gray, Myles F.	Lansing	Job printing	2	1	3	.....
May 14	Gregory, G. H.	Lansing	Tinning, etc.	7	1	8	.....
July 18	Green's Fish Market	Lansing	Fish	2	.....	2	1
May 10	Gross Bros.	Lansing	Plumbing	15	.....	15	.....
May 1	Hager Lumber Co.	Lansing	Lumber	9	.....	9	.....
July 17	Hall Lumber Co., The	Lansing	Lumber	21	1	22	.....
May 8	Hammond Publishing Co.	Lansing	Job printing	4	5	9	.....
Oct. 11	Hankow Tea Co., The	Lansing	Tea and coffee	1	2	3	.....
Oct. 11	Hankow Tea Co., The	Lansing	Tea and coffee	1	1	2	.....
Aug. 6	Heiler, Fred & Son	Lansing	Cigars	6	1	7	.....
May 2	Hermann's, John Sons	Lansing	Custom tailoring	14	5	19	.....
April 16	Hinz-Truxell Auto Sales Co.	Lansing	Auto repairing	13	1	14	.....
July 17	Hoelzle, G. & Sons	Lansing	Custom tailoring	4	2	6	.....
May 28	Huber Manufacturing Co., The	Lansing	Machinery	4	1	5	.....
July 18	Hull Print	Lansing	Printing	1	1	2	.....
April 26	Hunt, M. H. & Son	Lansing	Bee supplies	3	1	4	.....
July 12	Ideal Engine Co.	Lansing	Gas engines	85	4	89	.....
April 17	International Publishing Co.	Lansing	Job printing	5	2	7	.....
May 3	Isbell-Brown Co.	Lansing	Grain and beans	4	52	56	.....
April 26	Jackson, Oscar F.	Lansing	Job printing	8	2	10	.....
May 7	Jaeger, C. C.	Lansing	Tire vulcanizing	3	.....	3	.....
July 10	Jarvis Engine & Machine Works	Lansing	Boilers	12	1	13	.....
July 23	Johnson, J. F.	Lansing	Meats	3	1	4	.....
July 19	Johnson Harvester Co., The	Lansing	Farm implements	2	3	5	.....
May 29	Johnson Shoe Shop	Lansing	Shoe repairing	3	.....	3	.....
May 7	Kinyon & Frappier	Lansing	Produce	5	.....	5	.....
May 3	Keokuk Canning Co.	Lansing	Pickles	5	6	11	.....
May 23	Keystone Welding Co.	Lansing	Welding	6	.....	6	.....
May 10	Kneeland, Mrs. Carrie	Lansing	Millinery	.....	4	4	.....
May 14	Kopiets, G. C.	Lansing	Meats	4	.....	4	.....
July 12	Korff Mfg. Co.	Lansing	Hardware	14	1	15	.....
July 27	Kowalk, Ernest	Lansing	Blacksmithing	3	.....	3	.....
June 1	Lansing Auto Co.	Lansing	Auto repairing	6	.....	6	.....
May 8	Lansing Body Co., The	Lansing	Wood bodies	96	1	97	.....
April 19	Lansing Battery Shop	Lansing	Batteries	3	.....	3	.....
July 27	Lansing Carpet Cleaning Co., The	Lansing	Carpet cleaning	6	.....	6	.....
Mar. 13	Lansing Cast Stone Block Co.	Lansing	Cement blocks	6	.....	6	.....
Jan. 22	Lansing Chemical Co.	Lansing	Chemicals	55	1	56	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	INGHAM CO.—*Con.*						
April 26	Lansing Co	Lansing	Wheelbarrows	383	21	404	11
July 18	Lansing Creamery Co	Lansing	Dairy products	4	.....	4	.....
July 11	Lansing Cut Glass Works	Lansing	Cut glass	2	1	3	.....
May 3	Lansing Foundry Co	Lansing	Castings	230	12	242	.....
Jan. 23	Lansing Fuel & Gas Co	Lansing	Gas	87	10	97	.....
April 18	Lansing Garage & Sales Co	Lansing	Auto repairing	9	1	10	.....
July 11	Lansing Granite Co	Lansing	Monuments	5	.....	5	.....
May 11	Lansing Laundry Co	Lansing	Laundry	20	60	80	.....
July 13	Lansing Motor & Pump Co	Lansing	Pumps	6	1	7	.....
May 9	Lansing Pure Ice Co	Lansing	Ice	26	1	27	.....
July 10	Lansing Road Supply Co	Lansing	Steel culverts	3	.....	3	.....
July 12	Lansing Shirt Co	Lansing	Shirts	2	9	11	.....
May 24	Lansing Stamping & Tool Co	Lansing	Stamping	41	17	58	.....
May 7	Lansing Storage Co	Lansing	Storage and cartage	4	1	5	.....
May 2	Lansing Taxi Co	Lansing	Passenger service	21	1	22	.....
July 11	Lansing Tent & Awning Co	Lansing	Tents and awnings	3	2	5	.....
June 1	Larrabee, J. H	Lansing	Sport goods	4	.....	4	.....
May 24	Lawrence, Geo. E. & Son	Lansing	Baked goods	34	5	39	.....
April 23	Lawrence & Van Buren Printing Co	Lansing	Job printing	9	2	11	.....
May 7	Leadley, Frank G	Lansing	Plumbing	13	1	14	.....
July 12	Lesher Cigar Mfg. Co	Lansing	Cigars	2	31	33	.....
April 23	Lindell Die & Tool Co	Lansing	Dies and tools	11	.....	11	.....
May 4	Loepki, Chas. Garage	Lansing	Auto repairing	5	.....	5	.....
July 19	Longeor, M. A	Lansing	Meats	3	.....	3	.....
July 16	Longstreet Lumber Co	Lansing	Lumber	35	.....	35	.....
July 9	Lyons, Hugh Co	Lansing	Store fixtures	73	7	80	.....
July 23	McConnell, Frank	Lansing	Meats	5	1	6	2
July 24	McElmurry, G. W	Lansing	Meats	5	1	6	1
May 4	McNaughton, L. J	Lansing	Shoe repairing	3	.....	3	.....
Aug. 13	Machus Co., The	Lansing	Baked goods	3	4	7	.....
May 14	Manne, Emma J	Lansing	Millinery	.....	2	2	.....
May 11	Markey, James	Lansing	Monuments	2	1	3	.....
May 11	Markey, James	Lansing	Passenger service	4	.....	4	.....
May 28	Martin, R. & Co	Lansing	Cement blocks	7	.....	7	.....
July 23	Meagher, John	Lansing	Coal and wood	5	1	6	.....
July 28	Meas, Theodore G	Lansing	Custom tailoring	3	1	4	.....
Oct. 11	Michigan Brass & Electric Co	Lansing	Electric fixtures	3	2	5	.....
April 26	Michigan Brass & Iron Works, The	Lansing	Castings	11	1	12	.....
July 10	Michigan Bridge & Pipe Co	Lansing	Culverts, etc	8	2	10	.....
July 13	Michigan Butter & Egg Co	Lansing	Produce	7	4	11	.....
Aug. 6	Michigan Central Railroad Co	Lansing	Freight	37	6	43	.....
July 16	Michigan Crank Shaft Co	Lansing	Crank shafts	65	.....	65	1
July 19	Michigan Fruit Co., The	Lansing	Fruits	5	1	6	.....
April 28	Michigan Power Co	Lansing	Electricity and heat	40	4	44	.....
Aug. 7	Michigan Railway Co	Lansing	Passenger and freight	201	.....	201	.....
April 16	Michigan Rubber Repair Co	Lansing	Tire repairing	2	.....	2	.....
July 10	Michigan Screw Co	Lansing	Screw machinery products	331	3	334	12
July 17	Michigan Sheet Metal Works	Lansing	Sheet metal	11	.....	11	.....
July 12	Michigan Shirt Co	Lansing	Shirts	2	4	6	.....
Aug. 15	Michigan State Telephone Co	Lansing	Telephone service	1	79	80	.....
April 18	Michigan Supply Co	Lansing	Plumbing supplies	12	3	15	.....
May 5	Miller Coal Co	Lansing	Coal and wood	5	.....	5	.....
April 16	Mills Auto Sales Co	Lansing	Auto repairing	3	.....	3	.....
May 9	Mindel, A	Lansing	Hides and tallow	3	.....	3	.....
May 14	Model Laundry	Lansing	Laundry	4	5	9	.....
Mar. 16	Moers Boiler Works	Lansing	Boilers	4	.....	4	.....
May 10	Moore, F. W	Lansing	Coal and wood	3	.....	3	.....
July 23	National Biscuit Co	Lansing	Biscuits and crackers	4	.....	4	.....
April 26	National Coil Co	Lansing	Electrical supplies	121	33	154	.....
May 4	National Grocery Co	Lansing	Wholesale groceries	15	2	17	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	INGHAM CO.—*Con.*						
July 20	Nemoka Wood Work Co	Lansing	Wood working	5	.....	5	.....
May 28	New York Central Railroad Co	Lansing	Freight	15	.....	15	.....
Mar. 16	New Way Motor Co., The	Lansing	Gasoline engines	196	15	211	10
July 17	Nichols, A. J	Lansing	Woodworking	11	.....	11	.....
April 23	Northrup, Robertson & Carrier	Lansing	Wholesale groceries	22	9	31	.....
May 14	North Side Printing Co., The	Lansing	Job printing	3	.....	3	.....
Mar. 15	Novo Engine Co	Lansing	Gasoline engines	434	11	445	4
May 14	Noyes, Wm. C	Lansing	Plumbing	4	1	5	.....
July 27	Oberlin Sheet Metal Works	Lansing	Furnaces and tinning	3	.....	3	.....
April 18	Olds Motor Works	Lansing	Automobiles	1,071	132	1,203	1
Aug. 11	O'Mara, J. D	Lansing	Custom tailoring	4	3	7	.....
May 10	Palace Market, The	Lansing	Meats	3	1	4	.....
Aug. 16	Parr, John F	Lansing	Coal and grain	5	.....	5	.....
July 20	Paul & Son	Lansing	Meats	3	.....	3	.....
May 5	Pere Marquette R. R. Co	Lansing	Freight	30	2	32	.....
April 19	Perry-Barker Candy Co	Lansing	Candy	5	1	6	.....
July 16	Peterson, G. E	Lansing	Feed	1	.....	1	.....
July 17	Piowaty, M. & Sons	Lansing	Produce	6	1	7	.....
May 28	Plummer, P. G	Lansing	Threshing machines	4	.....	4	.....
Aug. 6	Polar Ice Cream Co	Lansing	Ice cream	3	.....	3	.....
April 16	Porter's Garage	Lansing	Auto repairing	3	.....	3	.....
Aug. 15	Postal Telegraph Co	Lansing	Telegraph service	6	1	7	3
May 5	Pregulman Bros. Packing Co	Lansing	Meats	13	1	14	.....
July 16	Preston, J. M. Co	Lansing	Silos	5	1	6	.....
May 23	Pritchard Coal Co	Lansing	Coal and wood	3	.....	3	.....
Mar. 16	Prudden, W. K. & Co	Lansing	Auto wheels	1,037	6	1,043	10
June 1	Quality Bakery	Lansing	Baked goods	6	1	7	.....
May 11	Quality Print Shop	Lansing	Job printing	4	1	5	.....
June 1	Quarmby & Sons	Lansing	Painting, etc	9	.....	9	.....
May 10	Queen Bee Cigar Co	Lansing	Cigars	2	.....	2	.....
June 1	Raff, A. M	Lansing	Custom tailoring	1	2	3	.....
May 2	Rapid Transit Cartage & Messenger Service	Lansing	Messenger service	2	.....	2	.....
May 10	Reed, H. L	Lansing	Feed, grain, etc	2	.....	2	.....
July 9	Reliance Engineering Co	Lansing	Auto supplies	195	8	203	4
May 2	Remez, Wm. H	Lansing	Custom tailoring	2	.....	2	.....
April 30	Reo Motor Car Co	Lansing	Automobiles	5,131	268	5,399	25
April 23	Reo Service Station	Lansing	Auto repairing	154	1	155	.....
May 2	Rice, E. E. & Co	Lansing	Dry cleaning, etc	3	4	7	.....
May 8	Rikers' Dry Cleaning & Dyeing Works	Lansing	Dry cleaning, etc	3	3	6	.....
April 27	Rikerd Lumber Co	Lansing	Lumber	88	.....	88	.....
May 14	Rikerd Lumber Co	Lansing	Lumber	10	.....	10	.....
May 29	Ripley & Gray Printing Co	Lansing	Job printing	9	4	13	.....
May 14	Robertson, E. L	Lansing	Patent medicines	2	.....	2	.....
June 1	Roller, A. C	Lansing	Meats	5	1	6	.....
May 14	Rork, M. D	Lansing	Woodworking	2	.....	2	.....
May 29	Ross Electric Shoe Repairing	Lansing	Shoe repairing	2	.....	2	.....
May 29	Rounsville, F. N	Lansing	Trucking	26	.....	26	.....
Mar. 13	Ryan, John	Lansing	Feed, grain, etc	2	.....	2	.....
April 17	Saier, Harry	Lansing	Flowers	10	4	14	.....
July 18	Saier, Wm	Lansing	Meats	2	1	3	.....
July 20	Sanitary Cleaners & Dyers	Lansing	Cleaning and pressing	5	2	7	.....
May 2	Savage, F. R	Lansing	Custom tailoring	2	1	3	.....
July 23	Sattler Cigar Co., The	Lansing	Cigars	3	1	4	.....
Aug. 15	Scheidt, S. H	Lansing	Cigars	1	2	3	.....
Mar. 11	Schlee, J. G. & Co	Lansing	Grain and seeds	2	.....	2	.....
July 23	Schmitke, C. M	Lansing	Meats	2	.....	2	1
May 8	Schneider, J. C	Lansing	Job printing, etc	5	.....	5	.....
May 2	Schultz, W. S	Lansing	Upholstering	2	.....	2	.....
July 14	Shields, Thomas J	Lansing	Plumbing	13	2	15	.....
July 23	Shivley, A. T	Lansing	Meats	2	1	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	INGHAM CO.—*Con.*						
April 16	Shivley, Ernest M	Lansing	Auto repairing	6	.....	6	.....
July 8	Shubel, Chas	Lansing	Shoe repairing	4	.....	4	.....
May 11	Sibley, Miss	Lansing	Millinery	.....	2	2	.....
July 23	Silver Lead Paint Co., The	Lansing	Paints	17	1	18	.....
May 4	Simons Sales Co., The	Lansing	Auto sales room	4	2	6	.....
May 27	Simons Sales Co., The	Lansing	Auto repairing	12	.....	12	1
July 12	Simpson & Fuller	Lansing	Produce	4	1	5	.....
April 26	Simon, A. Iron Co	Lansing	Junk	27	1	28	.....
July 14	Sleight, J. P. Coal Co	Lansing	Coal	10	1	11	.....
July 20	Smith, T. J	Lansing	Meats	5	.....	5	.....
May 12	Smith, Robert Printing Co	Lansing	Printing and binding	101	34	135	5
Aug. 8	Snell, A. J	Lansing	Custom tailoring	2	.....	2	.....
Aug. 15	Southcombe, Fred M	Lansing	Custom tailoring	2	1	3	.....
July 16	South Lansing Coal Co	Lansing	Coal	6	1	7	.....
July 16	South Side Printery, The	Lansing	Job printing	1	.....	1	.....
June 1	Square Deal Paint Co	Lansing	Paints	18	1	19	.....
May 14	Standard Casting Co	Lansing	Castings	36	.....	36	.....
May 23	Standard Oil Co	Lansing	Oil, etc	11	.....	11	.....
July 30	Star Bakery	Lansing	Baked goods	5	.....	5	.....
May 10	Star-Crystal Laundry	Lansing	Laundry	8	17	25	.....
April 23	State Journal Co., The	Lansing	Printed matter	55	10	65	5
July 16	Strang, C. J. Printing Co., The	Lansing	Job printing	4	2	6	1
May 24	Strudley, F. C. & Son	Lansing	Plumbing	6	1	7	.....
May 8	Sullivan & Co	Lansing	Soft drinks	6	.....	6	.....
April 17	Thoman Milling Co	Lansing	Flour and feed	10	.....	10	.....
May 14	Thompson & Kyes	Lansing	Plumbing	9	1	10	.....
April 19	Toolan, John	Lansing	Plumbing	7	1	8	.....
Aug. 15	Tracy Auto Tire Repair Co	Lansing	Tire repairing	2	.....	2	.....
May 3	United Engine Co	Lansing	Gasoline engines	16	13	29	.....
May 7	Union Taxicab Co	Lansing	Taxi service	8	.....	8	.....
May 2	Union Garage	Lansing	Auto repairing	5	1	6	.....
May 11	Valet Dry Cleaning & Pressing Co	Lansing	Dry cleaning, etc	1	1	2	.....
May 7	Van Buren, E	Lansing	Meats	7	1	8	.....
July 23	VanDervoort Hardware Co	Lansing	Hardware	17	6	23	.....
April 18	Wagenvoord & Co	Lansing	Book binding	9	10	19	.....
May 14	Walker, A. P. & Son	Lansing	Meats	5	1	6	.....
Mar. 13	Walters & Son	Lansing	Auto repairing	3	.....	3	.....
May 14	Walton Milling Co	Lansing	Flour and feed	3	1	4	.....
May 29	Ward, E. H	Lansing	Furnaces and tinning	13	.....	13	.....
May 14	Ward, Frank	Lansing	Auto repairing	5	.....	5	.....
Oct. 10	Watkins, J. T	Lansing	Coffee	2	1	3	.....
Aug. 13	Wenz, Wm. Co., The	Lansing	Painting	6	.....	6	.....
Aug. 8	Wershow, S. M	Lansing	Ladies' tailoring	7	7	14	.....
July 17	West, Thos	Lansing	Baked goods	10	2	12	.....
Aug. 15	Western Union Telegraph Co	Lansing	Telegraph service	25	10	35	12
July 18	West Side Grocery & Market	Lansing	Meats and provisions	1	.....	1	.....
July 19	Wilder, F. C	Lansing	Meats	5	.....	5	1
May 10	Wilson, H. L	Lansing	Harness	3	.....	3	.....
Aug. 14	Wilson, Tom	Lansing	Tailoring	3	.....	3	.....
July 28	Winans, N. H. & Sons	Lansing	Milk	28	1	29	.....
July 23	Wise, W. Maynard	Lansing	Meats	3	1	4	.....
April 16	Wolverine Auto Sales Co	Lansing	Auto repairing	12	1	13	.....
May 28	Woods Bros. Silo & Mfg. Co	Lansing	Silos	9	1	10	.....
Aug. 15	Wolverine Rug Co	Lansing	Rugs	2	.....	2	.....
May 28	Wolverine Sales Book Co	Lansing	Job printing, etc	11	4	15	.....
May 2	Wolverine Trucking Co	Lansing	Cartage	5	.....	5	.....
April 17	Wynkoop, Hallenbeck & Crawford Co	Lansing	Job printing	55	13	68	.....
July 12	Young Bros. & Daley	Lansing	Feed and grain	14	3	17	.....
May 9	Ziegler, G. H	Lansing	Leather	3	.....	3	.....
July 24	Bailey, Fanny E	Leslie	Millinery	.....	2	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	INGHAM CO.—*Con.*						
July 6	Holaday Lumber Co., The	Leslie	Lumber	4	.....	4	1
July 24	Howe, H. E.	Leslie	Blacksmithing	1	.....	1	.....
July 6	Leslie Creamery	Leslie	Butter	2	.....	2	.....
July 6	Leslie Elevator Co.	Leslie	Grain and produce	3	18	21	.....
July 6	Leslie Grain & Produce Co.	Leslie	Grain and produce	3	14	17	.....
July 24	Local Republican, The	Leslie	Printing	2	2	4	.....
July 24	St. Clair Garage	Leslie	Auto repairing	2	.....	2	.....
July 24	Scofield Bros.	Leslie	Meats	3	.....	3	.....
July 24	Wood, Maud	Leslie	Millinery	.....	1	1	.....
July 5	American Steam Laundry	Mason	Laundry and baths	1	1	2	.....
July 24	Baldwin, B. B.	Mason	Blacksmithing	2	.....	2	.....
July 15	Barr, D. G.	Mason	Auto repairing	5	1	6	.....
July 5	Clipper's Sanitary Bakery	Mason	Baked goods	3	3	6	.....
July 24	Critchett & Spanier	Mason	Meats	4	.....	4	.....
July 5	Grow, W. G.	Mason	Grain and produce	3	.....	3	.....
July 24	Ingham County News	Mason	Printing	4	2	6	.....
July 24	Lincoln & Porter	Mason	Millinery	.....	2	2	.....
July 5	Mason City Water Works	Mason	Water	3	.....	3	.....
July 5	Mason Elevator Co.	Mason	Grain and produce	4	16	20	.....
July 5	Mason Garage Co.	Mason	Auto repairing	4	.....	4	.....
July 5	Mason Milling Co.	Mason	Flour and feed	2	1	3	.....
July 24	Michigan State Telephone Co.	Mason	Telephone service	1	4	5	.....
July 24	Mickelson, C. P.	Mason	Lumber	3	1	4	.....
July 24	Millbury & Bell	Mason	Monuments	3	.....	3	.....
July 24	Neely, C. M.	Mason	Millinery	.....	3	3	.....
July 24	Rayner, Robbins B.	Mason	Coal and wood	4	.....	4	.....
July 24	Rodman, H. S.	Mason	Meats	1	.....	1	.....
Aug. 10	Central City Market	Stockbridge	Meats	2	.....	2	.....
Aug. 10	DePuy, C. E. Co., The	Stockbridge	Grain and beans	2	16	18	.....
Aug. 10	Gardner Light Co., The	Stockbridge	Electricity and water	2	.....	2	.....
Aug. 10	Glenn, J. F.	Stockbridge	Auto repairing	3	.....	3	.....
Aug. 10	Reeves, W. G.	Stockbridge	Auto repairing	6	1	7	.....
Aug. 10	Stockbridge Brief-Sun	Stockbridge	Printing	2	.....	2	.....
Aug. 10	Stockbridge Creamery	Stockbridge	Butter	2	.....	2	.....
Aug. 10	Stockbridge Elevator Co.	Stockbridge	Grain and beans	3	13	16	.....
Aug. 10	Taylor, C.	Stockbridge	Feed	1	.....	1	.....
July 25	Artic King Cold Storage Co.	Williamston	Butter and eggs	4	3	7	.....
July 25	Bivins, W. B.	Williamston	Milk products	1	.....	1	.....
July 26	Casey & Smith	Williamston	Blacksmithing	2	.....	2	.....
July 26	Corwin, O. D.	Williamston	Beans	3	13	16	.....
July 25	Crapo Lumber Co.	Williamston	Lumber	5	1	6	.....
July 26	Gorsline Bros.	Williamston	Auto repairing	4	1	5	.....
July 26	Goyt, C. H.	Williamston	Meats	2	.....	2	.....
July 25	Linn Produce Co.	Williamston	Grain and beans	3	25	28	.....
July 26	Maher & Laberteaux	Williamston	Meats	3	.....	3	.....
July 26	Smith, Roy S.	Williamston	Blacksmithing	2	.....	2	.....
July 26	Stewart & Pfeifle	Williamston	Flour and feed	3	.....	3	.....
July 26	Thompson, H. A. Co., The	Williamston	Printing	4	2	6	.....
July 25	Williamston Elevator Co.	Williamston	Grain and hay	2	.....	2	.....
July 26	Williamston Illuminating Co.	Williamston	Electricity	2	.....	2	.....
July 26	Williamston News, The	Williamston	Printing	2	.....	2	.....
Aug. 14	Chapin-Sacks Mfg. Co.	Webberville	Milk products	16	1	17	.....
July 25	Dallaoo, John	Webberville	Lumber and coal	2	.....	2	.....
July 25	Rubert, Thorn	Webberville	Grain and beans	3	22	25	.....
July 25	Webberville Index, The	Webberville	Printing	1	1	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	IONIA COUNTY.						
Aug. 13	Adams Express Co	Belding	Express service	2	.....	2	.....
Aug. 10	Ames & Unger	Belding	Auto repairing	4	.....	4	.....
Aug. 14	Banner Publishing Co	Belding	Printing	7	3	10	1
Aug. 11	Belding Basket Co	Belding	Baskets	50	1	51	4
Aug. 15	Belding Bros. & Co	Belding	Silk thread	95	179	274	10
Aug. 15	Belding Bros. & Co	Belding	Silk thread	75	279	354	8
Aug. 15	Belding Bros. & Co	Belding	Silk fabrics	30	100	130	4
Aug. 16	Belding City Water Works	Belding	Water	3	.....	3	.....
Aug. 13	Belding Coal & Ice Co	Belding	Coal and ice	8	2	10	.....
Aug. 13	Belding Delivery Co	Belding	Delivery service	3	.....	3	.....
Aug. 15	Belding Foundry Co	Belding	Castings	11	.....	11	.....
Aug. 15	Belding Gas Works	Belding	Gas	4	.....	4	.....
Aug. 17	Belding-Hall Co	Belding	Refrigerators	169	4	173	.....
Aug. 17	Belding-Hall Co	Belding	Refrigerators	65	.....	65	.....
Aug. 13	Belding Hardware Co	Belding	Hardware	4	.....	4	.....
Aug. 10	Belding Lumber Co	Belding	Lumber	6	1	7	.....
Aug. 11	Belding Mercantile Co	Belding	Implements	2	.....	2	.....
Aug. 11	Belding News, The	Belding	Printing	4	1	5	.....
Aug. 16	Brown, Arthur	Belding	Paper and paints	7	.....	7	.....
Aug. 15	Citizens Light Co	Belding	Light and power	2	.....	2	.....
Aug. 16	Citizens Telephone Co	Belding	Telephone service	1	9	10	.....
Aug. 15	City Bakery, The	Belding	Baked goods	4	.....	4	.....
Aug. 16	Clarke, Wm. J	Belding	Monuments	3	.....	3	.....
Aug. 16	County Poster Service, The	Belding	Advertising	3	1	4	.....
Aug. 10	Grand Rapids Brass Co	Belding	Brass trimmings	11	1	12	.....
Aug. 14	Grand Rapids Paper Box Co	Belding	Paper boxes	6	36	42	4
Aug. 13	Herald Publishing Co., The	Belding	Printing	3	5	8	1
Aug. 13	Hudson, F. H. Bakery	Belding	Baked goods	2	.....	2	.....
Aug. 15	Ireland, T. Frank Co	Belding	Hardware	4	.....	4	1
Aug. 15	Kendall, E. L	Belding	Lumber	2	.....	2	.....
Aug. 10	Kiskey's Garage	Belding	Auto repairing	2	.....	2	.....
Aug. 16	Knapp, E. J. & Co	Belding	Roofing	3	.....	3	.....
Aug. 14	Loewe, H. A	Belding	Merchant tailoring	1	.....	1	.....
Aug. 10	Lypps Bros. Garage	Belding	Auto repairing	2	.....	2	.....
Aug. 15	Michigan State Telephone Co	Belding	Telephone service	1	.....	1	.....
Aug. 13	Model Bakery	Belding	Meats	4	.....	4	.....
Aug. 10	Murray & Co	Belding	Auto repairing	3	1	4	.....
Aug. 11	Pleasant St. Market	Belding	Meats	3	.....	3	.....
Aug. 10	Porter, Wess	Belding	Blacksmithing	4	.....	4	.....
Aug. 16	Rex Upholstering Co	Belding	Upholstering	3	.....	3	.....
Aug. 14	Richardson Silk Co	Belding	Silk thread	77	199	276	10
Aug. 13	Rummler, E. E	Belding	Merchant tailoring	2	2	4	.....
Aug. 15	Salzman & Sons	Belding	Merchant tailoring	2	.....	2	.....
Aug. 13	Schmidt, Arnold A	Belding	Shoe repairing	1	.....	1	.....
Aug. 13	Silk City Steam Laundry	Belding	Laundry	4	5	9	.....
Aug. 13	Smith, G. M	Belding	Plumbing	1	1	2	.....
Aug. 14	Spencer Electric Light & Power Co	Belding	Light and power	5	1	6	.....
Aug. 14	Stanton & Sabine	Belding	Millinery	.....	3	3	.....
Aug. 13	Ward, Wm. R	Belding	Meats	2	.....	2	.....
Aug. 10	Weter-Wise Co., The	Belding	Machinery	3	.....	3	.....
Aug. 10	Wise & Cobb	Belding	Auto repairing	7	.....	7	.....
Aug. 31	Citizens Telephone Co	Clarksville	Telephone service	1	3	4	.....
Aug. 31	Dillenbeck, Chas	Clarksville	Blacksmithing	1	.....	1	.....
Aug. 31	Hansen, G. B. & Son	Clarksville	Blacksmithing	3	.....	3	.....
Aug. 31	Hines, J. F	Clarksville	Shoe repairing	1	.....	1	.....
Aug. 31	Jordan, J	Clarksville	Meats	2	1	3	.....
Aug. 31	Rising, E. A. & Son	Clarksville	Auto repairing	3	.....	3	.....
Aug. 14	Storey, Bert J	Cooks Corners	Blacksmithing	2	.....	2	.....
Aug. 21	Bennett, C. K. & Son	Hubbardston	Lumber	5	.....	5	.....
Aug. 21	Dodson & Grill	Hubbardston	Meats	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	IONIA CO.—*Con.*						
Aug. 22	Gardner, A. W	Hubbardston	Blacksmithing	2	.....	2	.....
Aug. 21	Hubbardston Milling Co	Hubbardston	Flour and feed	7	.....	7	.....
Aug. 21	Kelly, R. J	Hubbardston	Auto repairing	5	.....	5	.....
Aug. 22	Strickling, T. S., Jr	Hubbardston	Blacksmithing	1	.....	1	.....
Aug. 4	Adams Express Co	Ionia	Express service	2	.....	2	.....
Aug. 8	Arnold's, G. W. Son	Ionia	General repairing	5	.....	5	.....
July 31	Austin & Darling	Ionia	Butter	6	1	7	.....
Aug. 2	Baker, Frank	Ionia	Meats	3	.....	3	.....
July 31	Barrett Cigar Co., The	Ionia	Cigars	12	5	17	1
Aug. 4	Benedict-Buick Co	Ionia	Auto repairing	6	1	7	.....
Aug. 3	Caine, Miss A. F	Ionia	Millinery	.....	4	4	.....
Aug. 7	Cash Market	Ionia	Meats	1	.....	1	.....
Aug. 7	Cheney, R. M	Ionia	Harness	2	.....	2	.....
Aug. 2	Church & Hardy	Ionia	Renovating feathers	2	.....	2	.....
July 31	City Bakery	Ionia	Baked goods	3	2	5	.....
Aug. 7	City Cleaning Parlors	Ionia	Tailoring and cleaning	3	2	5	.....
Aug. 4	Citizens Telephone Co	Ionia	Telephone service	2	11	13	.....
Aug. 8	City Shoe Hospital	Ionia	Shoe repairing	2	.....	2	.....
Aug. 2	Collier & Greenhoe	Ionia	Meats	2	.....	2	.....
Aug. 3	Cooper, Harriet L	Ionia	Millinery	.....	5	5	.....
Aug. 3	Corner Market, The	Ionia	Meats	2	.....	2	.....
Aug. 7	Fisher & Vincent	Ionia	Blacksmithing	2	.....	2	.....
Aug. 2	Gable, Henry	Ionia	Plumbing	4	1	5	.....
Aug. 9	Gilley & Farnham	Ionia	Delivery service	8	.....	8	.....
July 31	Hale, Jonathan & Sons	Ionia	Flour and feed	10	.....	10	.....
Aug. 7	Harter, W. A	Ionia	Cigars	2	.....	2	.....
Aug. 1	Hayes-Ionia Co	Ionia	Auto bodies	381	5	386	.....
Aug. 3	Holbrook, J. A	Ionia	Plumbing	4	1	5	.....
Aug. 7	Humphreys & Kilmartin	Ionia	Millinery	.....	2	2	.....
Aug. 2	Ionia City Steam Laundry Co	Ionia	Laundry	3	3	6	.....
July 31	Ionia Egg & Poultry Co	Ionia	Poultry and eggs	2	4	6	.....
Aug. 2	Ionia Floor-Board Co	Ionia	Auto wood parts	107	2	109	4
Aug. 1	Ionia Gas Light & Coke Co., The	Ionia	Gas and coke	10	1	11	.....
Aug. 3	Ionia Hardware Co., The	Ionia	Plumbing	10	.....	10	.....
Aug. 7	Ionia Lumber Co	Ionia	Building material	4	1	5	.....
Aug. 1	Ionia Pottery Co	Ionia	Pottery	30	1	31	.....
Aug. 3	Ionia Sentinel, The	Ionia	Printing	8	1	9	.....
Aug. 8	Ionia Vulcanising Co	Ionia	Vulcanising	2	1	3	.....
Aug. 2	Ionia Water Power Electric Co	Ionia	Power and light	7	1	8	.....
Aug. 2	Ireland, Chas. A	Ionia	Plumbing	6	1	7	.....
Aug. 3	Jones Cash Market	Ionia	Meats	2	.....	2	.....
Aug. 8	Kelly, Daniel P	Ionia	Tailoring	1	.....	1	.....
Aug. 7	Klenk, J. C	Ionia	Cigars	2	1	3	.....
Aug. 2	Kuhtz Laundry	Ionia	Laundry	2	8	10	.....
Aug. 9	Lange, E. C	Ionia	Cigars	3	1	4	.....
Aug. 3	Lombard, Harry	Ionia	Coal and wood	3	.....	3	.....
Aug. 7	Longe, W. G. & Son	Ionia	Meats	4	.....	4	.....
Aug. 8	McKee, A. L	Ionia	Monuments	2	.....	2	.....
Aug. 8	McLaren, J. D. Co., Inc	Ionia	Grain and beans	3	10	13	.....
Aug. 7	McVeigh, L. B	Ionia	Shoe repairing	3	.....	3	.....
Aug. 1	Marshall-Wright Lumber Co	Ionia	Lumber	10	1	11	.....
Aug. 7	Michigan State Telephone Co	Ionia	Telephone service	3	11	14	.....
Aug. 2	Miller & Ashe	Ionia	Auto repairing	6	1	7	1
Aug. 3	National Express Co	Ionia	Express service	4	.....	4	.....
July 31	Ogilvie Auto Co	Ionia	Auto repairing	8	1	9	.....
July 31	Page, W. C.-Wirts Co	Ionia	Coal	10	.....	10	.....
July 31	Pere Marquette Railroad Co	Ionia	Car repairing	196	.....	196	1
July 31	Prairie Creek Ice Co	Ionia	Ice	9	.....	9	.....
Aug. 3	Rector Bakery, The	Ionia	Baked goods	5	2	7	.....
Aug. 8	Redemsky, R. L	Ionia	Coal and wood	6	1	7	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	IONIA CO.—*Con.*						
Aug. 2	Scherdt Bros	Ionia	Blacksmithing	3	.....	3	.....
Aug. 2	Schneider, E. J	Ionia	Baked goods	2	1	3	.....
July 31	Scully, A	Ionia	Cigars	3	.....	3	.....
Aug. 2	Smith, K. R	Ionia	Produce	2	12	14	.....
Aug. 1	Sorosis Garment Co	Ionia	Ladies' garments	9	61	70	1
Aug. 2	Stafford, E. H. Mfg. Co	Ionia	Furniture	275	19	294	15
Aug. 3	Standard, The	Ionia	Printing	5	2	7	.....
Aug. 1	Standard Oil Co	Ionia	Oil products	5	.....	5	.....
Aug. 9	Stilwell's Furniture Hospital	Ionia	Furniture repairing	2	.....	2	.....
Aug. 8	Thomas, E. W	Ionia	Electrical supplies	4	1	5	.....
Aug. 4	Vincent, Delbert L	Ionia	Flowers	3	2	5	.....
Aug. 8	Walters, David H	Ionia	Blacksmithing	2	.....	2	.....
Aug. 4	Welker, C. H	Ionia	Auto repairing	5	1	6	.....
Aug. 2	Ypsilanti Reed Furniture Co	Ionia	Reed furniture	518	203	721	24
Aug. 29	Badger, M. & A	Lake Odessa	Millinery	.....	2	2	.....
Aug. 28	Belcher, G. W	Lake Odessa	Blacksmithing	1	.....	1	.....
Aug. 29	Bennett, W. H. & Co	Lake Odessa	Auto repairing	5	1	6	1
Aug. 28	Caswell & De Maranville	Lake Odessa	Auto repairing	4	.....	4	.....
Aug. 28	Citizens Telephone Co	Lake Odessa	Telephone service	1	5	6	.....
Aug. 29	Dailey, Chas	Lake Odessa	Blacksmithing	2	.....	2	.....
Aug. 30	Dann Printing & Publishing Co., The	Lake Odessa	Printing	5	2	7	.....
Aug. 28	Erndt, Eugene	Lake Odessa	Shoe repairing	1	.....	1	.....
Aug. 29	Farmers Grain & Produce Co	Lake Odessa	Beans and grain	3	20	23	.....
Aug. 29	Garlinger Market	Lake Odessa	Meats	2	.....	2	.....
Aug. 30	Haddix, B	Lake Odessa	Meats	2	.....	2	.....
Aug. 29	Hildinger, Frank J	Lake Odessa	Farm products	2	.....	2	.....
Aug. 29	Kart, C. S	Lake Odessa	Auto repairing	4	1	5	.....
Aug. 29	Kart's Flouring Mills	Lake Odessa	Flour and feed	3	.....	3	.....
Aug. 29	Lake Odessa Milk Co	Lake Odessa	Condensed milk	29	2	31	2
Aug. 28	Lake Odessa Steam Laundry	Lake Odessa	Laundry	1	4	5	.....
Aug. 30	Lake Odessa Water Works	Lake Odessa	Water	2	.....	2	.....
Aug. 28	Michigan State Telephone Co	Lake Odessa	Telephone service	2	8	10	.....
Aug. 29	Orndorff, E. F	Lake Odessa	General repairing	1	.....	1	.....
Aug. 29	Pugh, Fred F	Lake Odessa	Blacksmithing	2	.....	2	.....
Aug. 28	Rasmussen, J. L	Lake Odessa	Baked goods	3	.....	3	.....
Aug. 29	Reiser, Geo. F	Lake Odessa	Lumber and coal	3	.....	3	.....
Aug. 30	Ritter & Scheidt	Lake Odessa	Plumbing	5	.....	5	.....
Aug. 28	Robinson, Harry C	Lake Odessa	Meats	2	.....	2	.....
Aug. 29	Rogers, Jas. & Son	Lake Odessa	Auto repairing	2	.....	2	.....
Aug. 30	Steele, Miss Edna	Lake Odessa	Flowers and vegetables	1	2	3	.....
Aug. 28	Thornburn, Florence E	Lake Odessa	Millinery	.....	3	3	.....
Aug. 29	Smith Bros., Velte & Co	Lake Odessa	Grain and beans	5	36	41	.....
Aug. 29	Ward & Thomas	Lake Odessa	Furnaces	2	.....	2	.....
Aug. 20	Bowes Auto Co	Lyons	Auto repairing	3	.....	3	.....
Aug. 20	Consumers Power Co	Lyons	Light and power	3	.....	3	.....
Aug. 17	Fox Elevator Co., The	Lyons	Grain and feed	3	.....	3	.....
Aug. 20	Hendershot, Harry	Lyons	Blacksmithing	1	.....	1	.....
Aug. 20	Lyons Herald, The	Lyons	Printing	1	1	2	.....
Sept. 7	McKay, F. B	Lyons	Wood and coal	4	.....	4	.....
Aug. 20	Seymour, Irving	Lyons	Blacksmithing	1	.....	1	.....
Aug. 17	Shoemaker, J. H	Lyons	Meats	1	.....	1	.....
Aug. 17	Steele, F. W	Lyons	Meats	2	.....	2	.....
Aug. 22	Union Telephone Co	Lyons	Telephone service	.....	3	3	2
Aug. 18	Douglass, Dayton	Muir	Blacksmithing	3	.....	3	.....
Aug. 20	Muir Weekly Tribune, The	Muir	Printing	1	.....	1	.....
Aug. 18	Rice, J. W	Muir	Meats	1	2	3	.....
Aug. 18	Stott, C. M	Muir	Grain and beans	3	18	21	.....
Aug. 27	Crothers, W. J	Orleans	Harness	1	.....	1	.....
Aug. 27	Earles, W. H. Cheese Co	Orleans	Cheese	2	.....	2	.....
Aug. 27	Easston Independent Telephone Co	Orleans	Telephone service	1	2	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	IONIA CO.—*Con.*						
Aug. 27	Hoppough, Eugene	Orleans	Auto repairing	2	.....	2	.....
Aug. 27	Morgan, Judson	Orleans	Blacksmithing	1	.....	1	.....
Aug. 27	Palmer, J. K.	Orleans	Meats	1	1	2	.....
Aug. 27	Wardrop & Robertson Co	Orleans	Grain and feed	4	11	15	.....
Aug. 21	Gee, Eric	Pewamo	Meats	2	.....	2	.....
Aug. 21	Pewamo Creamery Co	Pewamo	Butter	2	.....	2	.....
Aug. 21	Pewamo Elevator Co	Pewamo	Grain and beans	5	.....	5	.....
Aug. 21	Pewamo Hardware Co	Pewamo	Hardware	4	.....	4	1
Aug. 21	Pewamo Harness Shop	Pewamo	Harness	2	.....	2	.....
Aug. 21	Shafer, Jos. J	Pewamo	Blacksmithing	1	.....	1	.....
Aug. 22	Union Telephone Co., The	Pewamo	Telephone service	2	2	4	1
Aug. 21	Waigle, James R	Pewamo	Auto repairing	2	.....	2	.....
Aug. 23	Bauer, John	Portland	Blacksmithing	2	.....	2	.....
Aug. 22	Budd, Clark	Portland	Shoe repairing	1	.....	1	.....
Aug. 24	Builders' Lumber & Supply Co	Portland	Building supplies	1	.....	1	.....
Aug. 24	Burtch, G. P.	Portland	General repairing	1	.....	1	.....
Aug. 24	Citizens Telephone Co	Portland	Telephone service	1	8	9	.....
Aug. 23	City Bakery	Portland	Baked goods	2	1	3	.....
Aug. 23	Davis, Will	Portland	Blacksmithing	2	.....	2	.....
Aug. 24	Farmers' Elevator Co	Portland	Farm products	3	21	24	.....
Aug. 23	Heleker, G. W	Portland	Auto repairing	2	.....	2	.....
Aug. 24	Hickey, Thos	Portland	Merchant tailoring	1	.....	1	.....
Aug. 24	Hickey, Thos	Portland	Produce	2	.....	2	.....
Aug. 24	Lakin, C. D	Portland	Poultry and eggs	1	.....	1	.....
Aug. 25	Laughray Silo Co	Portland	Silos	16	.....	16	.....
Aug. 25	Lewellyn Bean Co	Portland	Beans	4	31	35	.....
Aug. 25	Manning Delivery & Dray Line	Portland	Delivery service	3	.....	3	.....
Aug. 25	Michigan State Telephone Co	Portland	Telephone service	1	5	6	.....
Aug. 24	Newman, Asa	Portland	Coal and wood	2	.....	2	.....
Aug. 23	Peake & Young	Portland	Meats	3	.....	3	.....
Aug. 22	Plant, Claud	Portland	Meats	2	.....	2	.....
Aug. 23	Portland City Laundry	Portland	Laundry	1	2	3	.....
Aug. 24	Portland Elevator Co	Portland	Grain and lumber	7	20	27	.....
Aug. 24	Portland Foundry Co	Portland	Castings	2	.....	2	.....
Aug. 23	Portland Garage	Portland	Auto repairing	4	1	5	.....
Aug. 23	Portland Granite & Marble Works	Portland	Monuments	1	.....	1	.....
Aug. 23	Portland Milling Co	Portland	Flour and feed	20	.....	20	.....
Aug. 25	Portland Observer, The	Portland	Printing	3	1	4	.....
Aug. 24	Portland Review, The	Portland	Printing	3	.....	3	.....
Aug. 24	Portland Light & Power Co	Portland	Light and power	4	.....	4	.....
Aug. 24	Portland Water Works	Portland	Water	2	.....	2	.....
Aug. 24	Ramsey-Alton Mfg. Co	Portland	Furniture	54	14	68	.....
Aug. 24	Russman, A. F	Portland	Blacksmithing	2	.....	2	.....
Aug. 24	Terriff Perfect Washer Co., The	Portland	Washing machines	4	1	5	.....
Aug. 25	Verity Mfg. Co	Portland	Garment hangers	3	1	4	.....
Aug. 23	Wilhelm, Lewis	Portland	Harness	3	.....	3	.....
Aug. 24	Wolverine Soap Co	Portland	Soap	7	5	12	.....
Aug. 23	Wolverine Washing Machine Co	Portland	Washing machines	2	.....	2	.....
Sept. 8	Adgate, Earle C	Saranac	Meats	2	.....	2	.....
Sept. 8	Advertiser, The	Saranac	Printing	2	2	4	.....
Sept. 18	Billinger, M. & Son	Saranac	General repairing	2	.....	2	.....
Sept. 8	Bussier & Co	Saranac	Baked goods	2	1	3	.....
Sept. 18	Citizens Telephone Co	Saranac	Telephone service	1	4	5	.....
Sept. 18	Farmers Cooperative Creamery	Saranac	Butter	4	.....	4	.....
Sept. 8	Fixit Garage	Saranac	Auto repairing	2	1	3	.....
Sept. 8	Huhn, D. G. Co., The	Saranac	Flour and feed	3	.....	3	.....
Sept. 8	Kelly, Lewis & Son	Saranac	Feed and flour	2	.....	2	.....
Sept. 18	Mercer, T. G	Saranac	Grain	2	.....	2	.....
Sept. 8	Nead, Leon	Saranac	Blacksmithing	2	.....	2	.....
Sept. 18	Norton, H	Saranac	Meats	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	IONIA CO.—*Con.*						
Sept. 8	Olmstead, R.	Saranac	Blacksmithing	2	.....	2	.....
Sept. 8	Otis, A. E. & Co	Saranac	Farm implements	2	.....	2	.....
Sept. 18	Saranac Produce Co	Saranac	Beans and potatoes	2	.....	2	.....
Sept. 8	Scheidt, Earl F	Saranac	Machine repairing	2	.....	2	.....
Aug. 14	Smyrna Flouring Mills	Smyrna	Flour	3	.....	3	.....
	IOSCO COUNTY.						
Aug. 8	United States Gypsum Co	Alabaster	Gypsum products	141	.....	141	.....
Aug. 7	Bets & Lockhart	Au Sable	Fish	14	1	15	.....
Aug. 7	Colbath Bros	Au Sable	Fish	3	.....	3	.....
Aug. 7	Fletcher Bros	Au Sable	Fish	3	.....	3	.....
Aug. 7	Solomon, Hayes, Cowley Co	Au Sable	Lumber	44	.....	44	.....
Aug. 6	Bonney's, C. A. Garage	East Tawas	Auto repairing	3	.....	3	1
Aug. 7	Christeson, Andrew B	East Tawas	Meats and provisions	2	.....	2	1
Aug. 6	Curry, Chas	East Tawas	Coal and wood	8	.....	8	.....
Aug. 7	Dean, Mrs. F. E	East Tawas	Millinery	.....	2	2	.....
Aug. 6	Detroit & Mackinac Railway Co	East Tawas	Operating department	19	7	26	.....
Aug. 7	Durant & Adams' Garage	East Tawas	Auto repairing	4	.....	4	.....
Aug. 8	East Tawas Water Works	East Tawas	Water	3	.....	3	.....
Aug. 6	Gardner & Richards	East Tawas	Lumber	31	.....	31	1
Aug. 7	Jackson, C. R	East Tawas	Printing	1	.....	1	.....
Aug. 6	Kunze & Applin	East Tawas	Meats and groceries	4	.....	4	.....
Aug. 6	La Berge, R. A	East Tawas	Shoe repairing	1	.....	1	.....
Aug. 6	Merschel, Andrew	East Tawas	Hardware	1	.....	1	.....
Aug. 7	Poppleton, Henry	East Tawas	Custom clothing	1	.....	1	.....
Aug. 6	Richards, F. H	East Tawas	Hardware	1	.....	1	.....
Aug. 7	Schill, Chas. W	East Tawas	Cigars	1	1	2	.....
Aug. 7	Tawas Fish Co	East Tawas	Fish	4	.....	4	.....
Aug. 6	Turner, J. A	East Tawas	Ice cream, etc	1	.....	1	.....
Aug. 9	Hale Elevator Co	Hale	Grain and produce	2	.....	2	.....
Aug. 7	Christeson, Al. J	Oscoda	Meats	1	.....	1	.....
Dec. 19	Consumers Power Co	Oscoda	Power and light	276	1	277	.....
Aug. 7	Hennigar, C. S	Oscoda	Auto repairing	3	.....	3	.....
Aug. 6	Barkman Lumber Co	Tawas City	Lumber	15	1	16	3
Aug. 6	Buckle, H. W	Tawas City	Hardware	1	.....	1	.....
Aug. 6	Detroit & Mackinac Railway Co	Tawas City	Repair shop	195	2	197	2
Aug. 6	Ferguson, Stephen	Tawas City	Meats	3	.....	3	1
Aug. 6	Johnson, L. L	Tawas City	Millinery	.....	1	1	.....
Aug. 6	Johnson, C	Tawas City	Fish	4	.....	4	.....
Aug. 6	Miller, Frank	Tawas City	Blacksmithing	1	.....	1	.....
Aug. 6	Prescott, C. H. & Sons	Tawas City	Hardware	3	.....	3	1
Aug. 6	Steinhurst, A. W	Tawas City	Harness	1	.....	1	.....
Aug. 6	Tawas Butter Co	Tawas City	Butter, etc	2	.....	2	.....
Aug. 6	Tawas Herald, The	Tawas City	Printing	3	2	5	1
Aug. 6	Wilson Grain Co	Tawas City	Grain	4	.....	4	.....
Aug. 9	Leslie, James	Whittemore	Auto supplies & repairing	2	.....	2	.....
Aug. 9	Whittemore Elevator Co	Whittemore	Grain	2	1	3	.....
	IRON COUNTY.						
Dec. 20	Apostle Mfg. Co	Crystal Falls	Candy and ice cream	2	3	5	.....
Dec. 20	Bauer, John & Son	Crystal Falls	Hardware	3	.....	3	.....
Dec. 21	City Shoe Hospital	Crystal Falls	Shoe repairing	2	.....	2	.....
Dec. 21	Crystal Falls Cooperative Society	Crystal Falls	Meats	10	4	14	.....
Dec. 27	Crystal Falls Creamery Association	Crystal Falls	Dairy products	1	.....	1	.....
Dec. 19	Crystal Falls Lumber Co	Crystal Falls	Lumber and fuel	2	1	3	.....
Dec. 27	Diamond Drill, The	Crystal Falls	Printing	3	1	4	.....
Dec. 26	F. & A. Lumber Co., The	Crystal Falls	Lumber	3	.....	3	.....
Dec. 20	Finnish & Swedish Mercantile Co	Crystal Falls	Meats	2	.....	2	.....
Dec. 20	Henry, L. A	Crystal Falls	Furniture	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	IRON CO.—*Con.*						
Dec. 26	Iron County Lumber & Fuel Co.	Crystal Falls	Lumber and fuel	6	.....	6	.....
Dec. 21	Jacobs, A.	Crystal Falls	Ice cream, etc.	2	1	3	1
Dec. 26	Jay, Yep	Crystal Falls	Laundry	2	.....	2	.....
Dec. 21	Maki, Ivar	Crystal Falls	Tailoring	2	.....	2	.....
Dec. 21	Osterberg & Co.	Crystal Falls	Meats and groceries	7	2	9	.....
Dec. 20	Quinnesec Iron Mining Co., The	Crystal Falls	Iron ore	53	.....	53	.....
Dec. 20	Quinnesec Iron Mining Co., The	Crystal Falls	Iron ore	136	.....	136	.....
Dec. 20	Quinnesec Iron Mining Co., The	Crystal Falls	Iron ore	129	.....	129	.....
Dec. 20	Quinnesec Iron Mining Co., The	Crystal Falls	Iron ore	237	.....	237	.....
Dec. 27	Star Bakery, The	Crystal Falls	Baked goods	4	1	5	.....
Dec. 19	Sterling Spring Water Co.	Crystal Falls	Soft drinks	1	.....	1	.....
Dec. 21	Stolberg, John R.	Crystal Falls	Custom tailoring	6	.....	6	.....
Dec. 27	Tufts, John Co., The	Crystal Falls	Meats and groceries	7	1	8	.....
Dec. 21	Webb's Garage	Crystal Falls	Auto repairing	3	.....	3	.....
Dec. 20	Western Union Telegraph Co.	Crystal Falls	Telegraph service	1	.....	1	.....
Dec. 21	Willis Hardware Co.	Crystal Falls	Hardware	3	.....	3	.....
Jan. 2	Angeli, A. & Co.	Iron River	Meats and groceries	3	1	4	.....
Dec. 31	Apostle's Confectionery	Iron River	Ice cream, etc.	2	1	3	.....
Jan. 4	Bates Iron Co.	Iron River	Iron mining	135	.....	135	.....
Jan. 5	Brauns & Van	Iron River	Fruits, etc.	2	.....	2	.....
Dec. 31	Chin, Chas.	Iron River	Laundry	1	.....	1	.....
Dec. 29	City Laundry & Cleaning Works	Iron River	Laundry	5	9	14	.....
Jan. 3	Cronwall, F. O.	Iron River	Baked goods	3	1	4	.....
Jan. 2	Curley & Sanders	Iron River	Cigars	4	.....	4	1
Jan. 4	Deacon, Jeff	Iron River	Blacksmithing	5	.....	5	.....
Jan. 4	Davidson Ore Mfg. Co.	Iron River	Iron ore	5	.....	5	.....
Jan. 5	Davidson Ore Mfg. Co.	Iron River	Iron ore	86	.....	86	.....
Jan. 5	Davidson Ore Mfg. Co.	Iron River	Iron ore	62	.....	62	.....
Dec. 29	Davidson Bakery & Lunch	Iron River	Baked goods	1	3	4	.....
Jan. 2	Eckman & Nelson	Iron River	Millinery	.....	2	2	.....
Dec. 31	Edling, M.	Iron River	Sheet metal	4	.....	4	.....
Jan. 5	Fisher-Morrison Lumber & Fuel Co.	Iron River	Lumber, coal, etc.	8	1	9	.....
Jan. 2	Friend & Peterson	Iron River	Meats and groceries	3	2	5	.....
Dec. 31	Hanson & Boyd	Iron River	Candies and ice cream	2	2	4	.....
Jan. 5	Hewett Grain & Provision Co.	Iron River	Grain and provisions	3	.....	3	.....
Dec. 31	Iron Range Light & Power Co.	Iron River	Light and power	9	1	10	.....
Dec. 29	Iron River Market	Iron River	Meats and groceries	2	1	3	.....
Jan. 3	Iron River Motor Car Co.	Iron River	Auto repairing	4	1	5	.....
Jan. 3	Iron River Shoe Shop	Iron River	Shoe repairing	4	.....	4	.....
Dec. 31	Iron River, Stambaugh & Crystal Falls St. Ry. Co.	Iron River	Passenger service	13	.....	13	1
Jan. 5	Iron River Water Works	Iron River	Water	5	.....	5	.....
Jan. 2	Jones, L. O.	Iron River	Harness	1	.....	1	.....
Jan. 2	Larson, H. C.	Iron River	Soft drinks	2	.....	2	.....
Dec. 29	Liberman, M.	Iron River	Tailoring	1	.....	1	.....
Jan. 2	Lindwall & Lindstrom	Iron River	Auto repairing	5	.....	5	.....
Dec. 29	McCornock, A. E.	Iron River	Meats and groceries	3	.....	3	.....
Jan. 4	Michigan State Telephone Co.	Iron River	Telephone service	3	7	10	.....
Jan. 5	Mineral Mining Co.	Iron River	Iron ore	112	.....	112	.....
Jan. 2	Model Market	Iron River	Meats	2	.....	2	.....
Jan. 4	Munro Iron Mining Co.	Iron River	Iron ore	154	1	155	.....
Jan. 4	Munro Iron Mining Co.	Iron River	Iron ore	119	.....	119	.....
Jan. 4	Munro Iron Mining Co.	Iron River	Iron ore	60	.....	60	.....
Jan. 3	Nolingberg, Elmer	Iron River	Baked goods	4	1	5	1
Jan. 2	Orasi, August	Iron River	Shoe repairing	1	.....	1	.....
Dec. 29	Palace Candy Kitchen	Iron River	Candy and fruits	2	1	3	.....
Dec. 31	Peninsular Power Co.	Iron River	Electricity	35	.....	35	1
Jan. 2	People's Supply Co.	Iron River	Meats and groceries	3	.....	3	.....
Dec. 29	Peterson, Sam	Iron River	Custom tailoring	2	.....	2	.....
Jan. 3	Phoenix Lumber & Supply Co.	Iron River	Lumber	12	.....	12	2
Dec. 31	Pociopa, Theodore	Iron River	Custom tailoring	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	IRON CO.—*Con.*						
Jan. 4	Proksch, A. H.	Iron River	Contracting	63	1	64	.....
Dec. 29	Quirt, Ben L.	Iron River	Hardware	3	1	4	.....
Dec. 29	Sarber, J. E.	Iron River	Cigars	2	.....	2	.....
Dec. 29	Selin, J.	Iron River	Hardware	3	1	4	.....
Jan. 5	Standard Oil Co.	Iron River	Oil	5	.....	5	.....
Jan. 2	Woman's Shop, The	Iron River	Millinery	.....	3	3	.....
Dec. 29	Woods, John	Iron River	Shoe repairing	1	.....	1	.....
Jan. 5	Verona Mining Co., The	Palatka	Iron ore	264	.....	264	.....
Jan. 5	Verona Mining Co., The	Palatka	Iron ore	238	.....	238	.....
Jan. 5	Verona Mining Co., The	Palatka	Iron ore	369	2	371	.....
Jan. 4	Brule Mining Co., The	Stambaugh	Iron ore	93	.....	93	.....
Jan. 4	Brule Mining Co., The	Stambaugh	Iron ore	175	.....	175	.....
Jan. 3	Consolidated Mercantile Co.	Stambaugh	Meats and groceries	6	2	8	.....
Jan. 3	Gasperni, Silvio	Stambaugh	Meats and groceries	4	.....	4	.....
Jan. 3	New Cash Store Co.	Stambaugh	Meats and groceries	3	.....	3	.....
Jan. 3	New Stambaugh Hardware Co.	Stambaugh	Hardware	2	.....	2	.....
Jan. 4	Oliver Iron Mining Co.	Stambaugh	Iron ore	43	.....	43	.....
Dec. 20	Quinnesec Iron Mining Co.	Stambaugh	Iron ore	306	.....	306	.....
Jan. 3	Stambaugh Shoe Shop	Stambaugh	Shoe repairing	2	.....	2	.....
Jan. 3	Stambaugh Garage	Stambaugh	Auto repairing	2	.....	2	.....
Jan. 3	Vern, Werner	Stambaugh	Custom tailoring	2	.....	2	.....
	ISABELLA COUNTY.						
April 14	Blanchard Garage	Blanchard	Auto repairing	4	.....	4	.....
April 14	Blanchard Roller Mills	Blanchard	Flour and lumber	3	.....	3	.....
April 14	Blanchard Telephone Co.	Blanchard	Telephone service	2	2	4	.....
April 14	Chamberlain, A. D.	Blanchard	Blacksmithing	2	.....	2	.....
April 14	Fate, J. W. & Co.	Blanchard	Beans and produce	3	21	24	.....
April 28	American Dry Cleaning Co.	Mt. Pleasant	Dry cleaning	2	.....	2	.....
April 21	Bamber Bros. Garage	Mt. Pleasant	Auto repairing	4	.....	4	.....
April 20	Bark, J. Floyd	Mt. Pleasant	Dry cleaning	2	.....	2	.....
April 19	Battle Automobile Co.	Mt. Pleasant	Auto repairing	5	1	6	.....
May 1	Beebe Machine Shop	Mt. Pleasant	Machine repairing	3	.....	3	.....
April 18	Borden's Condensed Milk Co.	Mt. Pleasant	Condensed milk	21	5	26	.....
April 26	Breidenstein, Henry	Mt. Pleasant	Meats and groceries	4	.....	4	1
April 19	Cadillac Ice Cream Co.	Mt. Pleasant	Ice cream	1	1	2	.....
April 21	Central Michigan Light & Power Co.	Mt. Pleasant	Light and power	13	3	16	.....
May 1	Central Gas Co.	Mt. Pleasant	Light and heat	6	1	7	.....
May 1	Chatterton & Son	Mt. Pleasant	Hay and grain	14	44	58	.....
April 27	Conley, John	Mt. Pleasant	Auto repairing	2	.....	2	.....
April 21	Crystal Bakery, The	Mt. Pleasant	Baked goods	4	1	5	.....
April 26	Dow Chemical Co., The	Mt. Pleasant	Chemicals	47	.....	47	1
April 27	Feeny, Miss Kate	Mt. Pleasant	Millinery	.....	2	2	.....
April 20	Fisher, J. G.	Mt. Pleasant	Cabinet making	1	.....	1	.....
April 19	Gardiner, Peter	Mt. Pleasant	Blacksmithing	2	.....	2	.....
April 19	Gorham Bros. Co., The	Mt. Pleasant	Panels	144	19	163	3
April 19	Harrison, W. A.	Mt. Pleasant	Farm produce	2	10	12	.....
April 27	Harris Bros. Seed Co.	Mt. Pleasant	Seeds	14	40	54	5
April 20	Harris Milling Co.	Mt. Pleasant	Flour	13	2	15	.....
April 19	Hight, Bert A.	Mt. Pleasant	Plumbing	5	.....	5	.....
April 21	Hileman, J. F.	Mt. Pleasant	Baked goods	4	2	6	1
April 20	Hudson, Walter	Mt. Pleasant	Tailoring	2	.....	2	.....
April 20	Isabella County Courier	Mt. Pleasant	Printed matter	4	2	6	.....
April 20	Isabella County Enterprise	Mt. Pleasant	Printed matter	3	2	5	.....
April 18	Isabella County Farmers Grain Co., The	Mt. Pleasant	Grain and beans	4	10	14	.....
April 18	Isabella County Farmers Grain Co., The	Mt. Pleasant	Grain and beans	6	22	28	.....
April 28	Johnson's Garage	Mt. Pleasant	Auto repairing	11	1	12	.....
April 19	Johnson & Honeywell	Mt. Pleasant	Meats	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ISABELLA CO.—*Con.*						
April 19	Law, Frank J.	Mt. Pleasant	Cigars	2	3	5	.....
April 19	Lee, E. J. & Co.	Mt. Pleasant	Farm produce	2	3	5	.....
April 28	McDonald, Wm.	Mt. Pleasant	Blacksmithing	2	.....	2	.....
April 26	Michigan State Telephone Co.	Mt. Pleasant	Telephone service	3	8	11	.....
May 1	Mt. Pleasant Brick & Tile Co.	Mt. Pleasant	Brick and tile	9	.....	9	.....
April 20	Mt. Pleasant Laundry	Mt. Pleasant	Laundry	2	5	7	.....
April 20	Mt. Pleasant Lumber Co.	Mt. Pleasant	Lumber	11	1	12	.....
April 20	Mt. Pleasant Times	Mt. Pleasant	Printed matter	7	2	9	1
May 1	Mt. Pleasant Woolen Mills	Mt. Pleasant	Woolen goods	1	.....	1	.....
April 19	Morrison & Dains	Mt. Pleasant	Lumber	3	.....	3	.....
April 27	Olympia Candy Works	Mt. Pleasant	Candy	7	.....	7	.....
April 27	Schmidt, F. A.	Mt. Pleasant	Tailoring	1	2	3	.....
April 18	Sweeney & Co.	Mt. Pleasant	Beans and produce	3	6	9	.....
April 26	Twist's Bakery	Mt. Pleasant	Bakery	3	2	5	.....
April 26	Union Telephone Co., The	Mt. Pleasant	Telephone service	3	10	13	.....
April 19	Walch & Connors	Mt. Pleasant	Blacksmithing	3	.....	3	.....
April 26	Whitney-Taylor Co.	Mt. Pleasant	Concrete products	10	.....	10	.....
April 28	Calkins, Wm.	Rosebush	Meats, baked goods, etc.	4	.....	4	.....
April 28	Johnson-Coyne Co.	Rosebush	Beans and produce	3	26	29	.....
April 28	Regan, D. J.	Rosebush	Blacksmithing	2	.....	2	.....
May 3	Brandell, G. W.	Shepherd	Blacksmithing	2	.....	2	.....
May 2	Brattin, F. J. & Son	Shepherd	Lumber	3	.....	3	.....
May 2	Brenner, Ed.	Shepherd	Blacksmithing	2	.....	2	.....
May 3	Burnham, Wm.	Shepherd	Meats	2	.....	2	.....
May 2	Carroll & Stilgenbauer	Shepherd	Baked goods	3	.....	3	.....
May 2	Dibble & Bent	Shepherd	Hay, grain and coal	3	.....	3	.....
May 2	Estee, Claude H.	Shepherd	Grain and beans	5	26	31	.....
May 3	Gillman, I. P.	Shepherd	Harness	2	.....	2	.....
May 2	Isabella County Republican	Shepherd	Printed matter	2	1	3	.....
May 3	Johnson's Garage	Shepherd	Auto repairing	3	.....	3	.....
May 3	Michigan State Telephone Co.	Shepherd	Telephone service	1	4	5	.....
May 2	Mulvey, L. H.	Shepherd	Cider and vinegar	3	.....	3	.....
May 2	Shepherd Auto Co.	Shepherd	Auto repairing	2	.....	2	.....
May 3	Shepherd Creamery, The	Shepherd	Dairy products	2	.....	2	.....
May 2	Shepherd Elevator Co.	Shepherd	Grain and beans	2	9	11	.....
May 3	Shepherd Milling Co.	Shepherd	Flour, feed and beans	5	30	35	.....
May 2	Struble, Irad	Shepherd	Farm produce	4	.....	4	.....
May 2	Union Telephone Co., The	Shepherd	Telephone service	1	3	4	1
May 3	Worthington, F. A.	Shepherd	Plumbing	3	.....	3	.....
April 16	Briggs, George	Weidman	Blacksmithing	1	.....	1	.....
April 16	Hall Elevator Co.	Weidman	Beans	2	.....	2	.....
April 16	Holmes Milling Co., The	Weidman	Flour and feed	9	20	29	.....
April 16	Rau, Stephen M.	Weidman	Plumbing	3	2	5	1
	JACKSON COUNTY.						
Aug. 17	Blanchard Bros.	Brooklyn	Feed and cider	4	.....	4	.....
Jan. 27	Brooklyn Electric Lighting Plant	Brooklyn	Light and power	2	.....	2	.....
Aug. 17	Brooklyn Exponent, The	Brooklyn	Printed matter	2	1	3	.....
Aug. 17	Hart & Howell Co., The	Brooklyn	Pop corn	2	10	12	.....
Aug. 17	Jagger, W. H. & Co.	Brooklyn	Baked goods	3	.....	3	.....
Aug. 17	Jones, Fred H. Co.	Brooklyn	Cider	13	1	14	.....
Aug. 17	Ladd & Austin Garage	Brooklyn	Auto repairing	3	.....	3	.....
Aug. 17	Neely Bros.	Brooklyn	Lumber and coal	2	.....	2	.....
Jan. 27	Teachout Garage	Brooklyn	Auto repairing	2	.....	2	.....
Aug. 17	Watts & Every	Brooklyn	Grain and feed	2	.....	2	.....
Feb. 7	Concord Independent	Concord	Printed matter	2	1	3	.....
Feb. 7	Concord Roller Mills	Concord	Flour and feed	5	.....	5	.....
Sept. 6	Dart & Carr	Concord	Lumber and coal	2	.....	2	.....
Sept. 6	Dixon, J. E.	Concord	Baked goods	2	1	3	.....
Sept. 6	Star Hardware & Garage	Concord	Auto repairing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	JACKSON CO.—*Con.*						
Sept. 6	Tucker, A. K.	Concord	Flour and feed	3	.....	3	.....
Feb. 7	Vetter, F. J. & Son	Concord	Dairy products	3	.....	3	.....
Aug. 27	Consumers Power Co.	Grass Lake	Electricity	2	.....	2	.....
Aug. 27	Davis-Shelly Lumber Co.	Grass Lake	Lumber and coal	7	.....	7	.....
Aug. 27	Grass Lake Elevator Co.	Grass Lake	Grain	2	5	7	.....
Aug. 27	Grass Lake Laundry Co.	Grass Lake	Laundry	1	1	2	.....
Aug. 27	Grass Lake News, The	Grass Lake	Printed matter	2	.....	2	.....
Jan. 29	Haselschwardt, D. E.	Grass Lake	Repairing	4	.....	4	.....
Aug. 27	Lakeside Elgin Butter Co.	Grass Lake	Dairy products	3	.....	3	.....
Aug. 27	Maurer Bros.	Grass Lake	Auto repairing	3	.....	3	.....
Aug. 27	Worden, H. W.	Grass Lake	Baked goods	1	3	4	.....
Jan. 28	Eddy & Son	Hanover	Grain and coal	3	.....	3	.....
Sept. 9	Folks, Alfred	Hanover	Grain and coal	2	.....	2	.....
Sept. 7	Hanover Bakery	Hanover	Baked goods	1	1	2	.....
Sept. 7	Hanover-Horton Local, The	Hanover	Printed matter	1	1	2	.....
Jan. 28	Sanderson, A. B.	Hanover	Grain	3	12	15	.....
Jan. 28	Soule, E. A.	Hanover	Meats	2	.....	2	.....
Sept. 7	Steck & Sons	Hanover	Grain and lumber	2	.....	2	.....
Jan. 24	A. B. C. Auto Supply Co.	Jackson	Auto supplies	2	.....	2	.....
Aug. 15	Acorn Press, The	Jackson	Job printing	14	5	19	2
July 30	Adams, H. J. Lumber & Coal Co.	Jackson	Lumber and coal	25	.....	25	.....
Jan. 16	Addison Awning Co., The	Jackson	Awnings	4	.....	4	.....
Aug. 29	Alloy Steel Spring & Axle Co.	Jackson	Springs	231	2	233	.....
July 31	American Fork & Hoe Co.	Jackson	Forks and hoes	256	4	260	2
July 14	American Gear & Mfg. Co.	Jackson	Auto parts	273	2	275	5
Aug. 7	American Lady Corset Co., Inc.	Jackson	Corsets	13	218	231	3
July 28	American Laundry Co.	Jackson	Laundry	1	7	8	.....
July 12	American Oil Corporation	Jackson	Oils	23	5	28	.....
Aug. 10	American Sewer Pipe Co.	Jackson	Clay products	112	2	114	.....
Sept. 4	Armour & Co.	Jackson	Meats	15	.....	15	.....
July 20	Aspinwall Mfg. Co.	Jackson	Potato machinery	62	5	67	.....
Jan. 22	Bartlett, J. E. Co.	Jackson	Flour and feed	10	7	17	.....
July 25	Bell, Wilson & Co.	Jackson	Sheet metal	2	1	3	.....
Aug. 21	Beyer Machine Co., The	Jackson	General machinery	17	.....	17	.....
July 23	Borden's Condensed Milk Co.	Jackson	Condensed milk	21	3	24	1
Aug. 10	Branch's Bakery	Jackson	Baked goods	3	3	6	.....
Aug. 20	Brewer Coal Co.	Jackson	Coal and wood	13	.....	13	.....
July 16	Briscoe Motor Corporation	Jackson	Automobiles	1,395	37	1,432	41
Jan. 28	Brown, Davis & Warner	Jackson	Groceries	13	3	16	.....
Aug. 7	Buell Auto Co.	Jackson	Auto repairing	7	2	9	.....
Jan. 18	Burt, Henry M.	Jackson	Flowers	4	1	5	.....
Aug. 7	Butcher & Gage	Jackson	Machinery	26	1	27	.....
Aug. 14	Camp, S. H. & Co.	Jackson	Corsets	19	55	74	.....
July 25	Central Automobile & Supply Co.	Jackson	Auto repairing	21	2	23	.....
July 23	Central City Book Bindery	Jackson	Book binding	30	8	38	1
July 24	Central City Lumber Co.	Jackson	Lumber	20	1	21	.....
Jan. 24	Central Distributing Co.	Jackson	Factory supplies	6	1	7	.....
Jan. 21	Cherin Bros.	Jackson	Ladies' tailoring	5	1	6	.....
Aug. 13	Citizen Job Printing House	Jackson	Job printing	7	1	8	.....
Aug. 8	Citizens Telephone Co.	Jackson	Telephone service	20	30	50	3
Aug. 27	City Bakery, The	Jackson	Baked goods	16	1	17	2
Aug. 16	Cobb, Wm. Foundry	Jackson	Castings	9	1	10	.....
Aug. 26	Colvin Dairy Co.	Jackson	Dairy products	19	1	20	.....
Aug. 20	Consumers Ice & Fuel Co.	Jackson	Ice and fuel	16	1	17	.....
Aug. 8	Consumers Power Co.	Jackson	Electricity	58	.....	58	.....
Aug. 22	Cooper Street Garage	Jackson	Auto repairing	5	.....	5	.....
Jan. 15	Cornwell Co., The	Jackson	Meats	14	4	18	.....
July 31	Corwin Lumber Co., The	Jackson	Lumber and coal	25	1	26	.....
Aug. 22	Cotton-Ziegler Garage Co., The	Jackson	Auto repairing	13	1	14	.....
Sept. 4	Crowley, John Boiler Works	Jackson	Boilers	14	.....	14	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	JACKSON CO.—*Con.*						
Aug. 13	Crown Paper & Bag Co	Jackson	Paper and bags	11	9	20	.....
July 27	Dach, J. M. Underwear Co., The	Jackson	Underwear	8	92	100	.....
Aug. 10	Daly & Rutherford	Jackson	Sheet metal	6	1	7	.....
Jan. 29	Davis, A. M	Jackson	Dry cleaning	3	1	4	.....
July 23	Davis & White	Jackson	Job printing	2	1	3	.....
Jan. 18	DeLamater, I. N	Jackson	Coal and wood	13	1	14	.....
Aug. 3	DeMay Printing Co	Jackson	Job printing	6	6	12	1
July 28	Dewey-Smith Co	Jackson	Builders' supplies	9	2	11	.....
Sept. 1	Dibble, M. A. & Co	Jackson	Cigars	15	3	18	1
Jan. 17	Dolan, A. T	Jackson	Cigars	6	5	11	.....
Jan. 21	Donaldson's Cleaning Works	Jackson	Cleaning	2	.....	2	.....
Aug. 30	Dowsett, W. J. Co	Jackson	Plumbing	7	1	8	.....
Jan. 18	Eagle Bakery	Jackson	Baked goods	4	.....	4	.....
Jan. 11	Eberle Brewing Co	Jackson	Beer	25	3	28	.....
Jan. 16	Edgerton, O. C	Jackson	Tire repairing	5	.....	5	.....
Feb. 10	Eggleston Pattern Shop	Jackson	Patterns	6	.....	6	.....
Aug. 20	Eldred Mill Co	Jackson	Flour	22	2	24	.....
July 11	Engel Cider Refining Co	Jackson	Cider refining	3	.....	3	.....
Aug. 3	Field-Brundage Engine Works	Jackson	Gas engines	103	2	105	10
July 23	Fisk Coal Co	Jackson	Coal and wood	7	.....	7	.....
July 28	Fleming Milk Product Co	Jackson	Ice cream	9	1	10	.....
Sept. 1	Foote & Jenks	Jackson	Extracts	6	13	19	.....
Aug. 15	Fox, H. J. & Co	Jackson	Carriage repairing	4	.....	4	.....
Aug. 1	Fox Machine Co	Jackson	Machine tools	131	7	138	.....
July 19	Frost Gear & Forge Co	Jackson	Auto gears	265	2	267	2
July 20	Frost Gear & Forge Co	Jackson	Drop forging	119	.....	119	.....
Jan. 18	Gasser, E. R	Jackson	Tailoring	5	1	6	.....
June 12	General Machine & Tool Co	Jackson	Machinery	17	.....	17	1
Aug. 7	Gilbert, J. O	Jackson	Candy	6	26	32	4
Jan. 17	Globe Pattern Works	Jackson	Patterns	9	1	10	.....
Aug. 20	Hackett Motor Car Co	Jackson	Automobiles	21	3	24	.....
Aug. 10	Haehnle Bottling Co	Jackson	Beer	11	1	12	2
Aug. 10	Haehnle Brewing Co	Jackson	Beer	18	1	19	.....
Aug. 9	Hall-Holmes Mfg. Co	Jackson	Concrete machinery	2	1	3	.....
July 24	Hartwick-Woodfield Co	Jackson	Lumber and coal	43	.....	43	1
July 18	Hayes Wheel Co	Jackson	Auto wheels	1,051	49	1,100	41
Aug. 9	Hines & Robinson	Jackson	Shoe repairing	5	.....	5	1
Feb. 6	Hinkley, R. G	Jackson	Baked goods	3	1	4	.....
Jan. 18	Hosford, Paul	Jackson	Dry cleaning	1	1	2	.....
Aug. 21	Howard & Keebler Co	Jackson	Groceries	10	2	12	.....
Aug. 10	Hygienic Ice Co	Jackson	Ice	31	1	32	.....
July 20	Ideal Machine Co	Jackson	Machine repairing	4	.....	4	.....
July 23	Indian Refining Co	Jackson	Oils and gasoline	4	.....	4	.....
Aug. 22	International Harvester Co	Jackson	Farm implements	15	4	19	.....
Aug. 18	Isbell, S. M. & Co	Jackson	Seeds, grain, etc	37	63	100	1
July 17	Jackson Automobile Co	Jackson	Automobiles	228	17	245	.....
Aug. 20	Jackson Baking Co	Jackson	Baked goods	19	4	23	.....
Jan. 24	Jackson Brass Foundry Co	Jackson	Castings	7	.....	7	.....
Aug. 22	Jackson Carburetor Co	Jackson	Carburetors	11	4	15	1
July 27	Jackson Citizen Press, The	Jackson	Printed matter	50	7	57	5
Jan. 28	Jackson City Water Works	Jackson	Water	8	.....	8	.....
Aug. 7	Jackson Corset Co	Jackson	Corsets	28	216	244	4
June 12	Jackson Cushion Spring Co	Jackson	Springs	334	18	352	56
Aug. 20	Jackson Electric Plating Works	Jackson	Plating	4	.....	4	.....
Aug. 21	Jackson Farm Produce Co	Jackson	Produce	10	5	15	.....
July 30	Jackson Fence Co	Jackson	Wire fences	36	3	39	.....
July 24	Jackson Glass Works	Jackson	Mirrors and art glass	26	2	28	.....
Sept. 4	Jackson Granite Co	Jackson	Monuments	9	.....	9	.....
July 12	Jackson Iron & Metal Co	Jackson	Iron and metal	15	.....	15	.....
Aug. 15	Jackson Machine Tool Co	Jackson	Machine tools	47	1	48	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	JACKSON CO.—*Con.*						
July 13	Jackson Metal Products Co	Jackson	Auto accessories	54	.....	54	.....
July 19	Jackson Motor Shaft Co	Jackson	Motor shafts	163	3	166	.....
Jan. 16	Jackson Paper Box Co	Jackson	Paper boxes	1	6	7	.....
Feb. 10	Jackson Storage & Transfer Co	Jackson	Storage	8	1	9	.....
Jan. 23	Jackson Taxi & Auto Livery, The	Jackson	Passenger service	3	.....	3	.....
July 27	Keeley, Jas. J. Plumbing Co	Jackson	Plumbing	18	1	19	.....
Jan. 18	Kern, C. E	Jackson	Motorcycles	2	.....	2	.....
Jan. 24	Kessler, August	Jackson	Tailoring	3	1	4	.....
July 13	Knickerbocker Co., The	Jackson	Dust collectors	23	1	24	.....
July 13	Knowles, A. E	Jackson	Castings	53	1	54	.....
Jan. 29	Koch, A. P	Jackson	Harness	1	.....	1	.....
July 19	La Dow, Jess	Jackson	Auto trimming	3	.....	3	.....
Jan. 23	Lake, Robert Co., The	Jackson	Coal and cement	8	.....	8	.....
Aug. 13	LaRue Printing Co	Jackson	Job printing	2	2	4	.....
Aug. 13	Lawler Tire & Vulcanizing Works	Jackson	Tire repairing	3	1	4	.....
July 24	Lepard & Gray	Jackson	Mill work	9	.....	9	.....
Jan. 17	Leslie & Co	Jackson	Monuments	5	.....	5	.....
Aug. 22	Lewis-Allen Co., The	Jackson	Auto repairing	14	1	15	.....
July 25	Liberty Auto & Supply Co	Jackson	Auto repairing	7	1	8	.....
Jan. 29	Link, E. R	Jackson	Plumbing	3	1	4	.....
July 17	Lockwood-Ash Motor Co	Jackson	Marine engines	57	2	59	2
Jan. 16	Lombard, Geo. W	Jackson	Soft drinks	5	1	6	.....
Jan. 18	Lung Germine Co., The	Jackson	Remedies	1	1	2	.....
Aug. 8	McGraw & Crone	Jackson	Tinning	2	.....	2	.....
Jan. 17	McK. Bell, George	Jackson	Sheet metal	3	.....	3	.....
Aug. 6	McKie, J. W	Jackson	Cleaning, etc	4	3	7	.....
Aug. 10	McLaughlin, Ward & Co	Jackson	Flour, grain, etc	5	2	7	.....
Jan. 16	McQuillan & Bullinger	Jackson	Wood and coal	5	.....	5	.....
Jan. 24	McQuillen, M. & Sons	Jackson	Fruits, etc	8	.....	8	.....
July 12	Maino Machine Tool Co	Jackson	Machine tools	24	.....	24	.....
Aug. 14	Marks, Joseph W	Jackson	Hay and grain	5	.....	5	.....
July 25	Michigan Bag & Paper Co	Jackson	Paper	31	2	33	1
Jan. 29	Michigan Central Railroad Co	Jackson	Passenger service	454	3	457	.....
Aug. 29	Michigan Central Railroad Co	Jackson	Engine repairing	1,152	.....	1,152	16
Jan. 29	Michigan Central Railroad Co	Jackson	Operating	653	.....	653	.....
Aug. 30	Michigan Central Railroad Co	Jackson	Car repairing	96	2	98	2
Sept. 4	Michigan Iron & Metal Co	Jackson	Junk	6	3	9	.....
Aug. 8	Michigan Light Co	Jackson	Gas	111	26	137	1
Aug. 14	Michigan Railway Co	Jackson	Passenger service	286	52	338	2
July 21	Michigan Seating Co	Jackson	Chairs	158	87	245	7
Aug. 9	Michigan State Telephone Co	Jackson	Telephone service	31	123	154	2
Aug. 9	M. & K. Corset Co., The	Jackson	Corsets	4	27	31	1
July 11	Modern Machine Tool Co	Jackson	Machinery	11	.....	11	.....
Aug. 28	Modern Quick Repair Shop	Jackson	Shoe repairing	3	1	4	.....
Sept. 4	Murray, J. E. & Co	Jackson	Plumbing	3	.....	3	.....
Aug. 6	Mutual Motors Co., The	Jackson	Automobiles	147	12	159	4
Aug. 28	National Grocer Co	Jackson	Groceries	22	4	26	1
July 13	Night Commander Lighting Co	Jackson	Gas	22	2	24	.....
July 31	North-Bradshaw & Co	Jackson	Contracting	60	.....	60	.....
Aug. 9	Novelty Mfg. Co	Jackson	Oil stoves	34	3	37	.....
Jan. 18	O'Brian, J. W	Jackson	Sheet metal	2	.....	2	.....
Jan. 18	O'Dwyer Co	Jackson	Plumbing	6	1	7	.....
Aug. 29	Overland Sales Co., The	Jackson	Auto repairing	5	1	6	1
Aug. 21	Perfection Biscuit Co	Jackson	Baked goods	1	1	2	.....
July 11	Perfection Coil Spring Co., Inc	Jackson	Cushion springs	11	1	12	.....
July 18	Perlman Rim Corporation	Jackson	Automobile rims	452	4	456	4
Aug. 13	Phillips, Eugene	Jackson	Wall paper	5	1	6	.....
Jan. 18	Pickell Storage Co	Jackson	Storage	5	2	7	.....
Aug. 23	Pickles, Arthur	Jackson	Plumbing	9	1	10	1
July 14	Pioneer Foundry Co., Ltd	Jackson	Castings	27	1	28	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	JACKSON CO.—*Con.*						
Jan. 21	Pittelco, William H	Jackson	Tailoring	4	2	6	.....
Aug. 24	Postal Telegraph-Cable Co	Jackson	Telegraph service	8	2	10	4
Jan. 21	Raymond, Flora	Jackson	Millinery	.....	4	4	.....
July 20	Reliance Automobile & Supply Co	Jackson	Auto repairing	12	1	13	1
July 12	Riverside Machine Co	Jackson	Machinery	15	.....	15	1
July 20	Ruby Mfg. Co., The	Jackson	Portable buildings	11	2	13	.....
Aug. 21	Sanford, J. A	Jackson	Machine repairing	5	.....	5	.....
Jan. 18	Saturday Evening Star, The	Jackson	Printed matter	3	.....	3	.....
Aug. 7	Schafer & Riggs	Jackson	Dry cleaning	7	4	11	2
Aug. 15	Schlenker, Geo. M	Jackson	Cigars	5	2	7	.....
Aug. 2	Schmidt, O. F. Chemical Co	Jackson	Chemicals	57	19	76	4
Aug. 14	Schuler's Vienna Bakery	Jackson	Baked goods	5	.....	5	.....
Aug. 23	Scofield & Son	Jackson	Vehicles and feed	2	1	3	.....
Aug. 16	Seward, C. T	Jackson	Electrical supplies	5	.....	5	.....
Aug. 15	Shaw Storage & Transfer Co	Jackson	Storage	6	1	7	.....
Aug. 8	Smith-Winchester Co	Jackson	Sheet metal	26	1	27	.....
Jan. 26	Sparks-Withington Co., The	Jackson	Automobile parts	355	114	469	.....
Aug. 13	Spencer, W. R. Grocer Co	Jackson	Groceries	7	1	8	.....
Jan. 17	Square Deal, The	Jackson	Printed matter	3	1	4	.....
July 13	Standard Oil Co	Jackson	Oils	9	.....	9	.....
Jan. 21	Stiles Engraving Co	Jackson	Engraving	2	.....	2	.....
July 23	Stockbridge Elevator Co	Jackson	Grain, beans, etc	9	17	26	.....
Jan. 17	Straub & Scott	Jackson	Millinery	.....	3	3	.....
Jan. 21	Taylor, T. B	Jackson	Flour and feed	2	.....	2	.....
Aug. 7	Tefft-Conner Electric Co	Jackson	Electric contractors	3	1	4	1
Aug. 20	T. H. & A. Coal Co., The	Jackson	Coal	9	.....	9	.....
Aug. 8	Thomas, E. H	Jackson	Shoe repairing	4	.....	4	.....
July 24	Thorpe, George W	Jackson	Flour and feed	5	1	6	.....
Aug. 7	Timberlake, J. B. & Sons	Jackson	Wire goods	41	7	48	.....
Aug. 11	Tomkins-Johnson Co., The	Jackson	Machinery	10	.....	10	.....
Jan. 18	Tussing, Lewis N	Jackson	Welding	2	.....	2	.....
Jan. 16	Union Roofing & Mfg. Co	Jackson	Roofing	12	1	13	.....
Aug. 16	Valentine, R. G. & Co	Jackson	Muslin underwear	1	11	12	.....
Aug. 14	Vandercook Transfer Co	Jackson	Passenger service	17	.....	17	.....
Aug. 15	Van Vleck, Dr. Co., The	Jackson	Medicines	1	16	17	1
July 27	Walcott Lathe Co	Jackson	Machinery	135	.....	135	.....
July 25	Walcott & Wood Machine Tool Co	Jackson	Machine tools	19	.....	19	1
July 24	Watts-Morehouse Co	Jackson	Masons' supplies	20	2	22	.....
Aug. 15	Way, H. L. & Son	Jackson	Baked goods	10	.....	10	1
July 31	Webster, Benjamin A	Jackson	Shoe repairing	4	.....	4	.....
Aug. 13	Western Union Telegraph Co	Jackson	Telegraph service	16	7	23	9
Aug. 18	West Side Laundry	Jackson	Laundry	5	11	16	.....
Aug. 21	Whellock-Prestler	Jackson	Roofing	9	.....	9	.....
Aug. 9	White Frost Refrigerator Co	Jackson	Refrigerators	58	7	65	.....
Aug. 28	White Laundry	Jackson	Laundry	11	29	40	.....
July 20	Willbee-Morse Concrete Co	Jackson	Concrete work	4	.....	4	.....
Sept. 5	Wilson Packing Co., The	Jackson	Pickles, etc	16	14	30	.....
July 23	Wolverine Laundry Co	Jackson	Laundry	12	18	30	.....
Jan. 22	Youngs, V. F	Jackson	Coal and wood	5	.....	5	.....
Aug. 24	Ford Garage	Parma	Auto repairing	3	.....	3	1
Aug. 24	Parma Bakery	Parma	Baked goods	1	1	2	1
Aug. 24	Parma Butter Co., The	Parma	Butter	3	.....	3	.....
Aug. 24	Parma Mercantile Co	Parma	Coal, lumber and feed	5	1	6	.....
Aug. 31	Comstock, E. C. & Co	Springport	Grain and beans	5	40	45	.....
Aug. 31	Hoag & Houseman	Springport	Lumber and coal	3	.....	3	.....
Aug. 31	McDonald, G. C	Springport	Baked goods	1	1	2	.....
Feb. 6	Nowlin, Frank E. Co., Ltd	Springport	Grain and beans	3	14	17	.....
Feb. 6	Springport Bookbindery, The	Springport	Book binding	2	2	4	.....
Feb. 6	Springport Garage	Springport	Auto repairing	2	.....	2	.....
Aug. 31	Springport Signal, The	Springport	Printed matter	2	1	3	.....
Feb. 6	Star Garage, The	Springport	Auto repairing	3	.....	3	.....
Feb. 6	West Chemical & Paint Co	Springport	Paints	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KALAMAZOO COUNTY.						
Dec. 4	Augusta Basket Co	Augusta	Baskets	9	7	16	.....
Dec. 4	Augusta Creamery Co	Augusta	Dairy products	3	1	4	.....
Dec. 4	Augusta Lumber Co	Augusta	Lumber and coal	2	.....	2	.....
Dec. 4	Augusta Milling Co., The	Augusta	Flour and feed	6	1	7	.....
Dec. 4	Consumers Power Co	Augusta	Electricity	5	.....	5	.....
Dec. 4	Hudson, J	Augusta	Produce	3	.....	3	.....
Dec. 4	Wakefield, C. B	Augusta	Millinery	.....	2	2	.....
Dec. 6	Crescent Publishing Co., The	Climax	Printed matter	2	1	3	.....
Dec. 6	Griffith, M. & Son	Climax	Grain, produce, etc	3	.....	3	.....
Dec. 6	Hamilton, Glenn	Climax	Meats	4	.....	4	.....
Dec. 6	Post-Raymond Dairy Co	Climax	Dairy products	3	.....	3	.....
Dec. 6	Scramlin & Son	Climax	Lumber and coal	3	.....	3	.....
Dec. 6	Willison, Frank L	Climax	Hardware	5	.....	5	.....
Dec. 4	Boyd, W. E	Comstock	Building material	2	.....	2	.....
Dec. 4	Comstock Celery Co	Comstock	Celery	7	1	8	.....
Dec. 4	Peer Mfg. Co	Comstock	Steam engines	9	.....	9	.....
Dec. 5	Jones Garage Co	Galesburg	Auto repairing	4	1	5	.....
Dec. 5	Semi-Weekly Argus	Galesburg	Printed matter	2	1	3	.....
Dec. 5	Zinn & Austin	Galesburg	Coal and lumber	3	.....	3	.....
Dec. 5	Zinn & Austin	Galesburg	Grain and seeds	4	1	5	.....
Dec. 19	Acker's Millinery Store	Kalamazoo	Millinery	.....	2	2	.....
Dec. 6	Acme Universal Joint Mfg. Co	Kalamazoo	Automobile parts	62	1	63	2
Nov. 6	A. & D. Sheet Metal Works	Kalamazoo	Sheet metal	6	.....	6	.....
Nov. 20	Advance Mfg. Co	Kalamazoo	Vacuum sweepers	3	1	4	.....
Dec. 6	Advocate Publishing Co., The	Kalamazoo	Printing	12	4	16	1
Nov. 8	American Arc Lamp Co	Kalamazoo	Electric fixtures	4	.....	4	.....
Nov. 16	American Carriage Co	Kalamazoo	Carriages	17	3	20	.....
Nov. 20	American Sign Co	Kalamazoo	Electric signs	25	3	28	1
Nov. 5	Appeldoorn's, P. B. Son's Co	Kalamazoo	Hides	2	.....	2	.....
Nov. 5	Armour & Co	Kalamazoo	Meats	11	.....	11	.....
Dec. 18	Armstrong & Veley	Kalamazoo	Machine repairing	8	.....	8	1
Dec. 18	Atlas Press Co	Kalamazoo	Machinery	24	.....	24	.....
Nov. 8	Bard, Chas. G	Kalamazoo	Mill supplies	5	.....	5	.....
Dec. 12	Barley Motor Car Co	Kalamazoo	Automobile assembling	127	14	141	.....
Nov. 6	Barnes, C. H. & Co	Kalamazoo	Job printing	4	1	5	.....
Nov. 8	Bennett & Co	Kalamazoo	Furniture	4	.....	4	.....
Nov. 5	Bermingham & Prosser	Kalamazoo	Paper	5	2	7	.....
Dec. 17	Blossom, Mrs. Alice E	Kalamazoo	Millinery	.....	7	7	.....
Dec. 19	Bockelman, Wm	Kalamazoo	Furniture repairing	2	.....	2	.....
Dec. 11	Boekhout, John	Kalamazoo	Wood and coal	6	1	7	.....
Nov. 6	Bond Supply Co	Kalamazoo	Mill supplies	4	5	9	.....
Dec. 18	Bosker's Bakery	Kalamazoo	Baked goods	6	.....	6	1
Nov. 21	Brander, John Co	Kalamazoo	Job printing	6	1	7	.....
Nov. 9	Brenner, R. R	Kalamazoo	Plumbing	7	1	8	.....
Nov. 14	Brink Baking Co., The	Kalamazoo	Baked goods	15	2	17	.....
Nov. 6	Bryant's Bakery	Kalamazoo	Baked goods	7	3	10	.....
Dec. 5	Bryant Paper Co	Kalamazoo	Paper	247	114	361	.....
Dec. 5	Bryant Paper Co	Kalamazoo	Paper	355	57	412	.....
Dec. 5	Bryant Paper Co	Kalamazoo	Paper	135	34	169	.....
Dec. 5	Bryant Paper Co	Kalamazoo	Paper	206	50	256	.....
Nov. 5	Burleigh, C. E	Kalamazoo	Repairing	2	.....	2	.....
Dec. 13	Bushouse, P. J	Kalamazoo	Candy	5	5	10	.....
Nov. 21	Cadillac Motor Car Co	Kalamazoo	Auto repairing	10	1	11	.....
Nov. 20	Celery City Lumber Co	Kalamazoo	Lumber	2	.....	2	.....
Nov. 20	Central Mfg. Co	Kalamazoo	Paper mill supplies	13	3	16	.....
Nov. 20	Chicago, Kalamazoo & Saginaw Railway Co	Kalamazoo	Car repairing	15	.....	15	.....
Dec. 13	Citizens Plumbing & Heating Co	Kalamazoo	Plumbing	2	.....	2	.....
Dec. 13	City Water Works	Kalamazoo	Water	11	.....	11	.....
Nov. 13	Clarage Fan Co	Kalamazoo	Fans, engines, etc	258	5	263	1
Nov. 20	Clark Engine & Boiler Co	Kalamazoo	Engines and boilers	105	1	106	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KALAMAZOO CO.—*Con.*						
Nov. 21	Columbian Electric Co	Kalamazoo	Electric supplies	8	1	9	.....
Nov. 23	Consumers Power Co	Kalamazoo	Electricity	23	1	24	.....
Nov. 5	Cook Standard Tool Co	Kalamazoo	Tools	12	.....	12	.....
Dec. 13	Cooper, H. J	Kalamazoo	Auto repairing	10	1	11	.....
Dec. 11	Corlett-Stone Lumber Co	Kalamazoo	Lumber and coal	2	.....	2	.....
Nov. 15	Crescent Engraving Co	Kalamazoo	Engraving	21	2	23	.....
Dec. 13	Cuthbert Battery Shop	Kalamazoo	Tire repairing	1	.....	1	.....
Nov. 9	Dairymens Milk Co	Kalamazoo	Dairy products	17	2	19	.....
Dec. 14	Dalm Printing Co	Kalamazoo	Job printing	9	2	11	.....
Dec. 12	D'Arcy Spring Co	Kalamazoo	Cushion springs	135	45	180	5
Nov. 22	Darling, W. P	Kalamazoo	Coal and wood	3	1	4	.....
Dec. 13	DeBolt, B. P. & M. A	Kalamazoo	Candy	3	10	13	1
Dec. 13	Dermody, T. J	Kalamazoo	Cigars	4	1	5	.....
Dec. 14	Dewing & Sons	Kalamazoo	Interior finish	26	1	27	.....
Nov. 7	Doubleday Bros. Co	Kalamazoo	Printing and binding	21	7	28	.....
Nov. 6	Doubleday-Hunt-Dolan Co	Kalamazoo	Printing and binding	11	4	15	2
Nov. 14	Dunkley Co	Kalamazoo	Machinery	34	3	37	.....
Dec. 15	Dunbar, W. E. & Co	Kalamazoo	Furnaces	2	.....	2	.....
Nov. 22	Dutton, C. H. Co., The	Kalamazoo	Boilers and engines	72	1	73	.....
Nov. 14	Everett, L. Jay	Kalamazoo	Patterns	7	.....	7	.....
Dec. 13	Fair, R. E	Kalamazoo	Auto repairing	19	2	21	.....
Nov. 6	Finger, S. G	Kalamazoo	Dry cleaning	1	3	4	.....
Dec. 14	Fitzgerald, Samuel P	Kalamazoo	Cigars	9	1	10	.....
Dec. 13	Freeman, Geo	Kalamazoo	Baked goods	6	1	7	.....
Dec. 13	Fuller & Sons Mfg. Co	Kalamazoo	Transmissions	302	8	310	4
Dec. 13	Service Garage	Kalamazoo	Auto repairing	4	.....	4	.....
Nov. 21	Gazette-Telegraph Co., The	Kalamazoo	Printed matter	47	11	58	.....
Nov. 9	General Gas Light Co	Kalamazoo	Gas lamps	143	4	147	.....
Nov. 26	Gerline Brass Foundry Co	Kalamazoo	Castings	29	.....	29	.....
Dec. 14	Gibson Mandolin-Guitar Co	Kalamazoo	Musical instruments	69	21	90	2
Dec. 17	Gill, Joseph E	Kalamazoo	Lumber	4	.....	4	.....
Nov. 5	Globe Casket Mfg. Co	Kalamazoo	Caskets	53	10	63	.....
Nov. 5	Globe Pattern Works	Kalamazoo	Patterns	11	.....	11	.....
Dec. 11	Godfrey Lumber Co	Kalamazoo	Lumber	4	1	5	.....
Dec. 6	Goodale Co., The	Kalamazoo	Castings	85	1	86	2
Dec. 14	Gorman Cycle Co	Kalamazoo	Bicycle repairing	4	.....	4	.....
Nov. 16	Graff, D. & Sons	Kalamazoo	Paper	37	41	78	.....
Nov. 14	Grand Rapids Broom Co	Kalamazoo	Brooms	3	.....	3	.....
Nov. 5	Grand Rapids & Indiana R. R. Co	Kalamazoo	Car repairing	5	.....	5	.....
Nov. 16	Gumbinsky, Oscar & Bros	Kalamazoo	Paper stock	52	42	94	.....
Nov. 6	Hanselman Candy Co., The	Kalamazoo	Candy	16	16	32	.....
Dec. 13	Harlow, W. O	Kalamazoo	Auto repairing	5	.....	5	.....
Dec. 12	Harris & Pratt	Kalamazoo	Coal	9	.....	9	.....
Dec. 14	Harrigan, Daniel Coal Co	Kalamazoo	Coal	8	.....	8	.....
Dec. 17	Harrow Spring Co	Kalamazoo	Steel springs	290	1	291	.....
Nov. 27	Hawthorne Paper Co	Kalamazoo	Paper	138	90	228	.....
Nov. 13	Haynes Motor Car Co	Kalamazoo	Auto repairing	4	1	5	.....
Nov. 9	Henderson-Ames Co., The	Kalamazoo	Uniforms	128	126	254	2
Dec. 14	Henderson-Ames Co., The	Kalamazoo	Lodge furniture	14	.....	14	.....
Dec. 14	Hill-Curtis Co	Kalamazoo	Mill machinery	70	.....	70	.....
Nov. 21	Hoags Bakery	Kalamazoo	Baked goods	2	2	4	.....
Nov. 13	Hotop, Fred J	Kalamazoo	Plumbing	10	1	11	.....
Nov. 21	Hughes, Hilda	Kalamazoo	Millinery	.....	5	5	.....
Nov. 20	Humphrey Co	Kalamazoo	Gas water heaters	191	13	204	.....
Dec. 13	Ideal Plumbing & Heating Co	Kalamazoo	Plumbing	3	1	4	.....
Nov. 7	Ihling Bros. Everard Co	Kalamazoo	Printing, etc	71	57	128	2
Dec. 5	Illinois Envelope Co	Kalamazoo	Envelopes	26	30	56	.....
Dec. 6	Insulating Products Co	Kalamazoo	Machinery	4	.....	4	.....
Nov. 6	Johnson-Howard Co	Kalamazoo	Feed & building material	8	.....	8	.....
Nov. 9	Kalamazoo Auto Sales Co	Kalamazoo	Auto repairing	12	1	13	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KALAMAZOO CO.—*Con.*						
Dec. 13	Kalamazoo Awning & Tent Co	Kalamazoo	Awnings and tents	2	2	4	.....
Dec. 18	Kalamazoo Biscuit Co	Kalamazoo	Baked goods	4	5	9	1
Nov. 6	Kalamazoo Bottling Co., The	Kalamazoo	Soft drinks	2	.....	2	.....
Nov. 26	Kalamazoo Bread Co	Kalamazoo	Baked goods	26	1	27	.....
Nov. 26	Kalamazoo Carton Co	Kalamazoo	Cartons	41	11	52	.....
Dec. 11	Kalamazoo Coal & Sprinkling Co	Kalamazoo	Coal and wood	6	.....	6	.....
Nov. 13	Kalamazoo Cold Storage Co	Kalamazoo	Storage	3	1	4	.....
Nov. 14	Kalamazoo Corset Co	Kalamazoo	Corsets	30	158	188	4
Nov. 7	Kalamazoo Creamery Co	Kalamazoo	Dairy products	16	2	18	.....
Nov. 5	Kalamazoo Foundry & Machine Co	Kalamazoo	Castings	38	.....	38	2
Nov. 15	Kalamazoo Glass Works	Kalamazoo	Glass	2	.....	2	.....
Nov. 6	Kalamazoo Ice & Fuel Co	Kalamazoo	Ice and fuel	42	1	43	.....
Nov. 6	Kalamazoo Implement Co	Kalamazoo	Implements	13	.....	13	.....
Nov. 15	Kalamazoo Label Co	Kalamazoo	Labels	10	13	23	.....
Nov. 5	Kalamazoo Laundry Co	Kalamazoo	Laundry	30	85	115	.....
Nov. 15	Kalamazoo Loose Leaf Binder Co	Kalamazoo	Loose leaf devices	136	57	193	28
Nov. 8	Kalamazoo Lumber Co	Kalamazoo	Lumber	8	.....	8	.....
Nov. 14	Kalamazoo Machine & Tool Co	Kalamazoo	Machinery	6	.....	6	.....
Dec. 13	Kalamazoo Malleable Iron Co	Kalamazoo	Malleable iron	178	22	200	11
Nov. 5	Kalamazoo Monument Co	Kalamazoo	Monuments	5	1	6	.....
Nov. 7	Kalamazoo Pant Co	Kalamazoo	Pants	60	239	299	.....
Nov. 26	Kalamazoo Paper Co	Kalamazoo	Paper	313	84	397	.....
Nov. 7	Kalamazoo Paper Box Co	Kalamazoo	Paper boxes	55	130	185	6
Nov. 14	Kalamazoo Plating Works	Kalamazoo	Plating	6	.....	6	.....
Dec. 13	Kalamazoo Publishing Co	Kalamazoo	Printing	9	1	10	.....
Dec. 6	Kalamazoo Railway Supply Co	Kalamazoo	Railway supplies	76	4	80	2
Nov. 20	Kalamazoo Sanitary Mfg. Co	Kalamazoo	Plumbers' supplies	82	4	86	.....
Nov. 6	Kalamazoo Sheet Metal Mfg. Co	Kalamazoo	Sheet metal	10	.....	10	.....
Nov. 6	Kalamazoo Shoe Mfg. Co	Kalamazoo	Shoes	45	39	84	.....
Dec. 14	Kalamazoo Sign Co	Kalamazoo	Sign painting	4	.....	4	.....
Dec. 12	Kalamazoo Sled Co., The	Kalamazoo	Sleds	117	20	137	.....
Nov. 8	Kalamazoo Soap Co	Kalamazoo	Soap	5	1	6	.....
Nov. 26	Kalamazoo Spring & Axle Co	Kalamazoo	Springs	61	2	63	.....
Nov. 8	Kalamazoo Stationery Co	Kalamazoo	Stationery	117	112	229	6
Nov. 8	Kalamazoo Steel Goods Co	Kalamazoo	Stools and chairs	3	.....	3	.....
Dec. 19	Kalamazoo Storage Battery Co	Kalamazoo	Storage batteries	1	.....	1	.....
Nov. 15	Kalamazoo Storage & Transfer Co	Kalamazoo	Storage, etc	4	1	5	.....
Nov. 22	Kalamazoo Stove Co	Kalamazoo	Stoves	202	26	228	.....
Nov. 16	Kalamazoo Tank & Silo Co	Kalamazoo	Tanks and silos	61	7	68	.....
Dec. 11	Kalamazoo Vegetable Parchment Co	Kalamazoo	Parch and wax paper	128	23	151	.....
Nov. 9	Kalamazoo Vulcanizing Co	Kalamazoo	Vulcanizing	3	.....	3	.....
Dec. 8	Kalamazoo Wax Paper Co	Kalamazoo	Wax paper	4	1	5	.....
Nov. 5	Kent, Glen B. Grain & Produce Co	Kalamazoo	Grain and produce	7	.....	7	.....
Nov. 22	Keyser Bros	Kalamazoo	Laundry	11	33	44	.....
Dec. 12	King Paper Co	Kalamazoo	Paper	543	118	661	.....
Nov. 21	Kline, Mrs. L. A	Kalamazoo	Millinery	.....	2	2	.....
Nov. 7	Klose, L. R. Electric Co	Kalamazoo	Electricity	13	.....	13	.....
Nov. 7	Krueger, Frank C	Kalamazoo	Tailoring	4	.....	4	.....
Dec. 13	Lakey, A. L. Co	Kalamazoo	Painters' supplies	9	.....	9	.....
Dec. 6	Lane Motor Truck Co	Kalamazoo	Motor trucks	13	1	14	.....
Nov. 15	Lee & Cady	Kalamazoo	Groceries	16	2	18	.....
Nov. 5	Lewis Bros	Kalamazoo	Paper	5	10	15	.....
Dec. 12	Limousine Top Co	Kalamazoo	Auto tops	120	5	125	.....
Nov. 5	Little Bros	Kalamazoo	Flour and feed	8	.....	8	.....
Dec. 13	Locher, Wm	Kalamazoo	Locksmith	4	1	5	.....
Nov. 6	Lotz Co., The	Kalamazoo	Job printing	2	.....	2	.....
Dec. 11	Lounsbery, W. A. Co., The	Kalamazoo	Boilers, tanks, etc	22	1	23	.....
Nov. 23	Lo-Vis Co., The	Kalamazoo	Metal specialties	16	10	26	.....
Nov. 22	Lull Carriage Co	Kalamazoo	Carriages	43	3	46	.....
Dec. 17	MacDonald, A. B	Kalamazoo	Millinery	.....	5	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KALAMAZOO CO.—*Con.*						
Nov. 7	McDole, C. B.	Kalamazoo	Sheet metal	8	1	9	.....
Dec. 19	McKerring, J. C.	Kalamazoo	Cigars	2	.....	2	.....
Nov. 21	Majestic Hat Shop, The	Kalamazoo	Millinery	.....	3	3	.....
Dec. 17	Mason, A. A.	Kalamazoo	Millinery	.....	3	3	.....
Dec. 19	Maynard Printing Co.	Kalamazoo	Printing	2	.....	2	.....
Nov. 14	Merchants Publishing Co.	Kalamazoo	Printing	60	60	120	3
Nov. 8	Metal Sign Board Co.	Kalamazoo	Signs	5	.....	5	.....
Nov. 8	Metzger, Wm. U.	Kalamazoo	Sheet metal	3	1	4	.....
Dec. 15	Michigan Bread Co.	Kalamazoo	Baked goods	7	2	9	.....
Nov. 26	Michigan Central Railroad Co.	Kalamazoo	Car repairing	51	.....	51	.....
Nov. 26	Michigan Central Railroad Co.	Kalamazoo	Engine repairing	196	.....	196	.....
Dec. 15	Michigan Coca-Cola Bottling Co.	Kalamazoo	Soft drinks	4	.....	4	.....
Nov. 20	Michigan Enameling Works	Kalamazoo	Enameling	53	.....	53	.....
Dec. 18	Michigan Engraving & Embossing Co.	Kalamazoo	Engraving	2	.....	2	.....
Nov. 23	Michigan Light Co.	Kalamazoo	Gas	120	22	142	.....
Dec. 15	Michigan Railway Co.	Kalamazoo	Car repairing	28	.....	28	.....
Dec. 5	Michigan Silo Co., The	Kalamazoo	Cement silo blocks	13	1	14	.....
Nov. 23	Michigan State Telephone Co.	Kalamazoo	Telephone service	30	142	172	1
Nov. 20	Miller, Ryder & Winterburn Co., The	Kalamazoo	Coal and feed	11	.....	11	.....
Dec. 13	Milliman, F. N.	Kalamazoo	Auto repairing	4	.....	4	.....
Dec. 13	Mirror Printing Co.	Kalamazoo	Printing	9	6	15	.....
Nov. 6	Model Baking Co., The	Kalamazoo	Baked goods	3	2	5	.....
Nov. 9	Model Plumbing Co., The	Kalamazoo	Plumbing	4	1	5	.....
Dec. 12	Monarch Paper Co.	Kalamazoo	Paper	82	209	291	.....
Nov. 9	Motor Car Exchange Co.	Kalamazoo	Auto repairing	2	.....	2	.....
Nov. 26	Municipal Lighting Plant	Kalamazoo	Electricity	11	.....	11	.....
Nov. 21	National Corset Co.	Kalamazoo	Corsets	15	65	80	.....
Nov. 26	National Refining Co., The	Kalamazoo	Oils and gasoline	23	4	27	.....
Nov. 5	National Storage Co.	Kalamazoo	Storage	9	.....	9	.....
Nov. 9	Neary, J. P. & Sons Machine Works	Kalamazoo	Machinery	2	1	3	.....
Nov. 22	North Lumber & Mfg. Co.	Kalamazoo	Lumber	16	.....	16	.....
Dec. 11	Oakley & Oldfield	Kalamazoo	Coal and wood	5	2	7	.....
Dec. 14	O'Meara, Jas. J.	Kalamazoo	Cigars	5	.....	5	.....
Nov. 21	Oppenheim, Ben	Kalamazoo	Millinery	.....	7	7	.....
Nov. 9	Orrell, Thos. M. Co.	Kalamazoo	Auto repairing	4	.....	4	.....
Nov. 9	Otis Elevator Co.	Kalamazoo	Elevators	4	1	5	.....
Dec. 15	Palace Bakery	Kalamazoo	Baked goods	2	1	3	.....
Dec. 19	Palmer, Mrs. Oliver	Kalamazoo	Millinery	.....	1	1	.....
Dec. 13	Paris Garment Cleaners & Dyers, The	Kalamazoo	Cleaning and dyeing	6	4	10	.....
Nov. 21	Pease & Son	Kalamazoo	Job printing	2	.....	2	.....
Nov. 9	Peck Iron & Steel Works	Kalamazoo	Steel bands	3	1	4	.....
Dec. 17	Peerless Rubber Co.	Kalamazoo	Tire repairing	1	.....	1	.....
Nov. 26	Perfection Felting & Mattress Co.	Kalamazoo	Mattresses	2	.....	2	.....
Nov. 5	Phelps-Bigelow Windmill & Mfg. Co.	Kalamazoo	Windmills	13	1	14	.....
Nov. 23	Pioneer Welding Co.	Kalamazoo	Electric welding	3	.....	3	.....
Nov. 7	Piper Ice Cream Co.	Kalamazoo	Ice cream	7	1	8	.....
Nov. 6	Postal Telegraph-Cable Co.	Kalamazoo	Telegraph service	6	2	8	2
Dec. 17	Purity Bakery	Kalamazoo	Baked goods	2	1	3	.....
Nov. 13	Quality Drug Stores Co., The	Kalamazoo	Drugs	3	4	7	.....
Dec. 13	Rapid Transit Messenger Service & Parcel Delivery	Kalamazoo	Messenger service	16	.....	16	.....
Dec. 6	Reed Foundry & Machine Co.	Kalamazoo	Steel castings	85	1	86	.....
Nov. 27	Rex Paper Co.	Kalamazoo	Paper	93	21	114	1
Dec. 17	Reva, Hermas A.	Kalamazoo	Tailoring	1	1	2	.....
Dec. 14	Richards, J. A. Co.	Kalamazoo	Printing machinery	7	.....	7	.....
Nov. 7	Richardson Garment Co.	Kalamazoo	Garments	5	35	40	.....
Nov. 16	Riverside Foundry & Galvanizing Co.	Kalamazoo	Castings	52	.....	52	.....
Nov. 27	Riverview Coated Paper Co.	Kalamazoo	Coating paper	143	22	165	.....
Dec. 14	Robinson & Godwin	Kalamazoo	Cigars	4	.....	4	.....
Dec. 18	Root Spring Scraper Co., The	Kalamazoo	Spring scrapers	1	.....	1	.....
Dec. 18	Royal Bakery	Kalamazoo	Baked goods	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KALAMAZOO CO.—*Con.*						
Dec. 13	Russell, F. W.	Kalamazoo	Decorating	13	.....	13	.....
Dec. 19	Russell, Mrs. G. V.	Kalamazoo	Millinery	.....	4	4	.....
Nov. 5	Ryder, James W. Coal Co.	Kalamazoo	Coal and wood	17	1	18	.....
Dec. 14	Sales, James A.	Kalamazoo	Mantels	4	1	5	.....
Dec. 13	Salomon, A. & Son	Kalamazoo	Cigars	4	1	5	.....
Nov. 14	Saniwax Paper Co.	Kalamazoo	Wax wrapping paper	17	5	22	.....
Nov. 15	Seward Pattern Works	Kalamazoo	Patterns	15	1	16	.....
Nov. 7	Shakespeare Co.	Kalamazoo	Fishing tackles	88	27	115	2
Nov. 15	Shakespeare Press	Kalamazoo	Job printing	10	1	11	.....
Dec. 13	Simmerer, Herman	Kalamazoo	Furs	3	3	6	.....
Nov. 8	Smith, H. P. Press, The	Kalamazoo	Job printing	1	1	2	.....
Dec. 17	South Side Garage	Kalamazoo	Auto repairing	5	.....	5	.....
Dec. 4	Standard Oil Co.	Kalamazoo	Oils	16	.....	16	.....
Dec. 13	Standard Paper Co.	Kalamazoo	Paper	195	1	196	.....
Dec. 13	Standard Sheet Metal Works	Kalamazoo	Sheet metal	3	1	4	.....
Dec. 4	Star Brass Works, The	Kalamazoo	Street railway supplies	11	1	12	.....
Nov. 5	Star Paper Co., The	Kalamazoo	Paper	4	2	6	.....
Dec. 5	States Motor Car Co.	Kalamazoo	Automobiles	10	1	11	.....
Dec. 18	Stevens Buick Auto Co.	Kalamazoo	Auto repairing	4	1	5	.....
Dec. 18	Stewart Typesetting Co.	Kalamazoo	Type setting	2	.....	2	.....
Nov. 15	Swindell-Taylor Co.	Kalamazoo	Produce	6	2	8	.....
Nov. 15	Temple Garage	Kalamazoo	Auto repairing	5	1	6	.....
Dec. 19	Ten Buschen, Albert	Kalamazoo	Cigars	2	.....	2	.....
Dec. 5	Thermophore Mfg. Co.	Kalamazoo	Gas appliances	22	2	24	.....
Dec. 13	Todd, A. M. Co.	Kalamazoo	Essential oils	6	2	8	.....
Nov. 15	Trio Laundry	Kalamazoo	Laundry	9	31	40	.....
Dec. 15	Union Trim & Lumber Co.	Kalamazoo	Interior finish	28	1	29	.....
Nov. 5	United Garage & Machine Co.	Kalamazoo	Auto repairing	3	.....	3	.....
Nov. 22	Upjohn Co., The	Kalamazoo	Pharmaceuticals	127	106	233	2
Dec. 19	Van Bochove & Sons Mfg. Co.	Kalamazoo	Interior finish	8	.....	8	.....
Nov. 26	VanGorder Ruling Co.	Kalamazoo	Ruled paper	6	4	10	.....
Nov. 21	Vorenkam Sisters	Kalamazoo	Millinery	.....	4	4	.....
Nov. 21	Waddle, M. D.	Kalamazoo	Auto repairing	3	.....	3	.....
Dec. 13	Walsh, A. W. Co.	Kalamazoo	Groceries	20	3	23	.....
Dec. 19	Watson & Squier	Kalamazoo	Vulcanizing	1	.....	1	.....
Dec. 14	Western Board & Paper Co.	Kalamazoo	Paper board	74	1	75	.....
Dec. 14	Western Paper Makers Chemical Co.	Kalamazoo	Chemicals	41	2	43	1
Nov. 1	Western Union Telegraph Co.	Kalamazoo	Telegraph service	16	7	23	8
Nov. 6	Wheeler-Blaney Co.	Kalamazoo	Plumbing	44	.....	44	.....
Dec. 19	Winslow, Edward L.	Kalamazoo	Monuments	3	.....	3	.....
Nov. 14	Young, A. M. & Co.	Kalamazoo	Specialties	1	6	7	.....
Dec. 14	Young Rug Co.	Kalamazoo	Rugs	12	2	14	.....
Nov. 14	Zantenza & Workman	Kalamazoo	Feed	2	.....	2	.....
Dec. 6	Harrison & Son	Schoolcraft	Lumber	3	.....	3	.....
Dec. 6	Island Creamery, The	Schoolcraft	Dairy products	2	.....	2	.....
Dec. 6	Knappen, Chas.	Schoolcraft	Coal and seeds	3	.....	3	.....
Dec. 6	Municipal Light & Water Works	Schoolcraft	Water and light	2	.....	2	.....
Dec. 6	Schoolcraft Express, The	Schoolcraft	Printed matter	2	1	3	.....
Dec. 6	Stuart Grain Co.	Schoolcraft	Flour, grain, etc.	3	.....	3	.....
Dec. 5	Bishop Creamery Co.	Vicksburg	Dairy products	3	.....	3	.....
Dec. 5	Boston Bakery	Vicksburg	Baked goods	3	1	4	.....
Dec. 5	Godshalk, J. M.	Vicksburg	Flour and feed	3	.....	3	.....
Dec. 5	Haas, R. J.	Vicksburg	Plumbing	5	.....	5	.....
Dec. 5	Hudson, Chas.	Vicksburg	Farm products	4	.....	4	.....
Dec. 5	Jenkinson, R. D.	Vicksburg	Grain, flour, etc.	3	.....	3	.....
Dec. 5	Lawrence, L. R.	Vicksburg	Coal	3	.....	3	.....
Dec. 5	Lee Paper Co.	Vicksburg	Paper	156	86	242	.....
Dec. 5	Miner, Edward H.	Vicksburg	Flour, grain, etc.	4	.....	4	.....
Dec. 5	Rawson, Mrs. E. D.	Vicksburg	Millinery	.....	2	2	.....
Dec. 5	Tobey Bros.	Vicksburg	Auto repairing	2	1	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KALAMAZOO CO.—*Con.*						
Dec. 5	Vicksburg Governor Co.	Vicksburg	Engine governors	48	.....	48	.....
Dec. 5	Vicksburg Lumber Co.	Vicksburg	Lumber and coal	4	.....	4	.....
Dec. 4	Vicksburg Semi-Weekly Commercial, The	Vicksburg	Printed matter	3	3	6	.....
Dec. 5	Vicksburg Steam Laundry	Vicksburg	Laundry	3	.....	3	.....
Dec. 5	Village Light & Water Plant	Vicksburg	Light and water	5	.....	5	.....
	KALKASKA COUNTY.						
April 26	Johnson, Elmer F.	Kalkaska	Auto repairing	2	.....	2	.....
April 25	Kalkaska City Water Works	Kalkaska	Water	2	.....	2	.....
April 25	Kalkaska Handle Co.	Kalkaska	Broom handles, etc.	40	.....	40	.....
April 26	Kalkaska Light & Power Co.	Kalkaska	Light and power	5	.....	5	.....
April 26	Kalkaska Publishing Co., The	Kalkaska	Printed matter	2	.....	2	.....
April 26	Kalkaska Toy Co., The	Kalkaska	Toys	2	.....	2	.....
April 25	Lehner, M. N. Hardware Co.	Kalkaska	Hardware	3	.....	3	.....
April 26	Michigan State Telephone Co.	Kalkaska	Telephone service	1	5	6	.....
April 26	Richardson, O. E.	Kalkaska	General repairing	4	.....	4	.....
April 25	Sieting, Geo. H.	Kalkaska	Hardware	2	.....	2	.....
April 26	McFarren, J. M.	Rapid City	Farm implements	3	.....	3	.....
April 25	Perkins, J. E.	South Boardman	Auto repairing	2	.....	2	.....
April 25	Rolle, S.	South Boardman	Blacksmithing	1	.....	1	.....
April 25	Young, Frank S.	South Boardman	Flour and feed	2	.....	2	.....
	KENT COUNTY.						
Sept. 18	Ada Garage	Ada	Auto repairing	3	.....	3	.....
Sept. 18	Frisbie, A. E. & Co.	Ada	Baskets	7	.....	7	.....
Sept. 18	Grand Rapids Grain & Milling Co.	Ada	Flour, etc.	3	.....	3	.....
Sept. 18	Haskin, F. W.	Ada	Auto repairing	3	.....	3	.....
Sept. 18	Rewa, Wm.	Ada	Blacksmithing	2	.....	2	.....
Sept. 24	Alto Cooperative Creamery Assn., Ltd., The	Alto	Dairy products	3	.....	3	.....
Sept. 24	Alto Elevator Co.	Alto	Grain and beans	2	8	10	.....
Sept. 24	Alto Lumber Co.	Alto	Lumber and coal	2	.....	2	.....
Sept. 24	Citizens Telephone Co.	Alto	Telephone service	1	2	3	.....
Sept. 24	Wachter & Davis	Alto	Blacksmithing	2	.....	2	.....
Oct. 5	Belmont Mills & Elevator	Belmont	Coal and feed	2	.....	2	.....
Sept. 27	Acme Cement Plaster Co.	Beverly	Fireproof tiling	14	.....	14	.....
Sept. 27	Acme Cement Plaster Co.	Beverly	Plaster	41	1	42	.....
Sept. 26	Timmer, Nick	Beverly	Meats	1	.....	1	.....
Dec. 7	Streelman, A. & Co.	Burton Heights	Meats	2	.....	2	.....
Dec. 5	Arendsen Bros.	Byron Center	Farm machinery	4	.....	4	.....
Dec. 5	Byron Center Creamery Co.	Byron Center	Dairy products	2	.....	2	.....
Dec. 5	Byron Center Grain & Fuel Co.	Byron Center	Grain and fuel	3	.....	3	.....
Dec. 5	Geukes, Henry	Byron Center	Meats	1	.....	1	.....
Dec. 5	Holleman-DeWeerd Auto Co.	Byron Center	Auto repairing	7	.....	7	.....
Dec. 5	Kamminga, K.	Byron Center	Harness	2	.....	2	.....
Oct. 25	Babcock, S. B.	Caledonia	Meats	1	1	2	.....
Oct. 25	Caledonia Cooperative Co-partnership Creamery Co.	Caledonia	Dairy products	9	1	10	.....
Oct. 25	Caledonia Lumber & Coal Yard	Caledonia	Lumber and coal	2	.....	2	.....
Oct. 25	Caledonia Milling Co.	Caledonia	Flour and feed	3	.....	3	.....
Oct. 25	Caledonia News, The	Caledonia	Printed matter	1	2	3	.....
Oct. 25	Citizens Telephone Co.	Caledonia	Telephone service	1	4	5	.....
Oct. 25	Dodge & Wenger Garage	Caledonia	Auto repairing	4	.....	4	.....
Oct. 25	Geise, C. F.	Caledonia	Blacksmithing	1	.....	1	.....
Oct. 25	Staiger, Conrad F.	Caledonia	Auto repairing	2	.....	2	.....
Oct. 25	Wilson, M. Elevator Co.	Caledonia	Grain and beans	5	35	40	.....
Oct. 25	Youngblood, D. B.	Caledonia	Blacksmithing	1	.....	1	.....
Oct. 2	Casnovia Garage	Casnovia	Auto repairing	2	1	3	.....
Oct. 12	Casnovia Herald, The	Casnovia	Printed matter	1	2	3	.....
Oct. 12	Norris, J. L. & Son	Casnovia	Grain and beans	4	22	26	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
Oct. 4	Avery Cooperage Co., The	Cedar Springs	Barrels	4	.....	4	.....
Oct. 4	Beucus, John	Cedar Springs	Hardware, plumbing, etc.	7	.....	7	.....
Oct. 2	Brown, F. A.	Cedar Springs	Grain and beans	2	.....	2	.....
Oct. 3	Caywood, M. D.	Cedar Springs	Harness	2	.....	2	.....
Oct. 2	Cedar Springs Cooperative Co-partnership Creamery Co., Ltd	Cedar Springs	Dairy products	10	.....	10	.....
Oct. 3	Cedar Springs Liberal	Cedar Springs	Printed matter	1	1	2	.....
Oct. 4	Cedar Springs Water Works	Cedar Springs	Water	1	.....	1	.....
Oct. 3	Central Garage	Cedar Springs	Auto repairing	4	.....	4	.....
Oct. 4	Citizens Telephone Co.	Cedar Springs	Telephone service	2	4	6	.....
Oct. 4	"Clipper," The	Cedar Springs	Printed matter	3	.....	3	.....
Oct. 3	Consumers Power Co.	Cedar Springs	Light and power	1	.....	1	.....
Oct. 3	Culver, E. B.	Cedar Springs	Jewelry	1	.....	1	.....
Oct. 3	DeGroat, John	Cedar Springs	Plumbing	2	1	3	.....
Oct. 4	Dorman, Mrs. G. W.	Cedar Springs	Millinery	.....	2	2	.....
Oct. 3	Dorman, G. W.	Cedar Springs	Vulcanizing	1	.....	1	.....
Oct. 3	Frenett, P. L.	Cedar Springs	Blacksmithing	2	.....	2	.....
Oct. 3	Hall & Knaak	Cedar Springs	Wagon repairing	3	.....	3	.....
Oct. 3	Holland, J. M.	Cedar Springs	Grain	2	1	3	.....
Oct. 3	Knapp, E. & Son	Cedar Springs	Blacksmithing	2	.....	2	.....
Oct. 3	Morley, Howard	Cedar Springs	Lumber	1	.....	1	.....
Oct. 4	Munsell Crate & Handle Works	Cedar Springs	Crates and handles	2	.....	2	.....
Oct. 3	Randall, Overlie & Miller	Cedar Springs	Meats	4	.....	4	.....
Oct. 4	Remer, E. A.	Cedar Springs	Grain and beans	4	20	24	.....
Oct. 4	Sanford, M. E.	Cedar Springs	Lumber	2	1	3	.....
Oct. 4	Shaw, A. H. & Son	Cedar Springs	Flour and feed	2	.....	2	.....
Oct. 3	Smith, E. D.	Cedar Springs	Millinery	1	1	2	.....
Oct. 3	Starks, Fred & Co.	Cedar Springs	Meats	2	.....	2	.....
Oct. 3	Thurston, E. B.	Cedar Springs	Auto repairing	4	.....	4	.....
Oct. 5	Childsdale Paper Mills	Childsdale	Paper	11	.....	11	.....
Dec. 4	Hachmuth Pure Food Co.	Comstock Park	Canning	12	12	28	3
Dec. 4	Hayes, M.	Comstock Park	Coal and wood	2	1	3	.....
Dec. 4	Hice's Garage	Comstock Park	Auto repairing	3	.....	3	.....
Dec. 4	Hice, T. A.	Comstock Park	Meats	1	.....	1	.....
May 23	Lamoreaux, J. Neal	Comstock Park	Fuel	6	1	7	.....
Dec. 3	Porter, F. C.	Comstock Park	Flour and feed	2	.....	2	.....
Dec. 3	Wallin Leather Co.	Comstock Park	Leather	60	.....	60	2
Dec. 3	Wallin Leather Co.	Comstock Park	Leather	124	3	127	6
Oct. 26	Good, J. W.	Dutton	Feed and grain	2	.....	2	.....
Oct. 26	Michigan State Telephone Co.	Dutton	Telephone service	1	2	3	.....
Oct. 5	Munro, David	Edgerton	Flour and feed	4	.....	4	.....
April 13	Ackerman, W. M. Electric Co.	Grand Rapids	Electrical supplies	21	2	23	2
May 9	Acme Welding & Repair Co.	Grand Rapids	Repairing	5	1	6	.....
April 17	Adjustable Table Co.	Grand Rapids	Steel furniture	107	13	120	5
Sept. 27	Alabastine Co.	Grand Rapids	Wall coating	39	53	92	2
April 23	Alaska Fur Co.	Grand Rapids	Furs	3	15	18	.....
May 28	Albee's Livery & Garage	Grand Rapids	Auto repairing	15	.....	15	.....
April 14	Alden & Judson	Grand Rapids	Hardware	5	2	7	.....
April 17	Allen & Dorthy	Grand Rapids	Auto repairing	9	1	10	.....
April 28	Allport, A. B.	Grand Rapids	Roofing	4	1	5	.....
June 20	American Artificial Stone Co.	Grand Rapids	Cement blocks	3	.....	3	.....
April 12	American Bakery	Grand Rapids	Baked goods	5	.....	5	1
May 25	American Box Board Co.	Grand Rapids	Corrugated paper	60	30	90	9
May 24	American Box Board Co.	Grand Rapids	Box board	298	11	309	.....
May 24	American Box Board Co.	Grand Rapids	Paper boxes	29	103	132	.....
Oct. 1	American Cement Plaster Co., The	Grand Rapids	Gypsum products	98	.....	98	2
May 25	American Fibre Package Co.	Grand Rapids	Fibre cases	75	75	.....	.....
April 23	American Metal Weather Strip Co.	Grand Rapids	Weather strips	7	2	9	.....
May 2	American Seating Co.	Grand Rapids	Furniture	664	8	672	12
Nov. 5	Anheuser-Busch Brewing Assn.	Grand Rapids	Beer	5	1	6	.....
May 16	Anway Co., The	Grand Rapids	Furniture	4	2	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
April 24	Attwood Brass Works	Grand Rapids	Brass goods	16	1	17	2
Dec. 31	Audrian, Ed. R.	Grand Rapids	Tailoring	2	2	4	.....
May 1	Austin Automobile Co.	Grand Rapids	Automobiles	10	1	11	.....
April 14	Austin, G. R.	Grand Rapids	Auto repairing	5	1	6	.....
Jan. 17	Auto Inn, The	Grand Rapids	Auto repairing	4	1	5	.....
April 23	Auto Tire & Vulcanizing Co.	Grand Rapids	Tire repairing	5	.....	5	.....
April 23	Auto Trim Co.	Grand Rapids	Auto repairing	3	.....	3	.....
May 31	Bailey, E. C.	Grand Rapids	Auto repairing	3	.....	3	.....
April 3	Baker, Fred	Grand Rapids	Repairing	3	.....	3	.....
June 22	Baldwin, H. T.	Grand Rapids	Wagon repairing	5	.....	5	.....
April 5	Baldwin, Tuthill & Bolton	Grand Rapids	Machinery	80	3	83	2
Dec. 22	Barclay, Ayers & Bertsch Co.	Grand Rapids	Mill supplies	12	4	16	.....
June 8	Barkley, H. E.	Grand Rapids	Wagons and trucks	13	1	14	.....
May 14	Barkwell Buick Sales Co.	Grand Rapids	Auto repairing	13	2	15	.....
May 9	Barlow Bros.	Grand Rapids	Book binders	7	6	13	1
June 1	Barnard, R. A. Co.	Grand Rapids	Interior decorating	16	4	20	.....
May 19	Bates, W. A. Turning Co.	Grand Rapids	Wood turning	9	.....	9	.....
April 2	Battjes Fuel & Building Material Co.	Grand Rapids	Building material	21	1	22	.....
April 21	Bauer & Pease	Grand Rapids	Auto repairing	5	.....	5	.....
Dec. 29	Baxter's Garage	Grand Rapids	Auto repairing	2	1	3	.....
Sept. 28	Baxter Laundry Co., The	Grand Rapids	Laundry, etc.	86	159	245	4
April 11	Bayne, James Co., The	Grand Rapids	Engraving	65	34	99	3
April 11	Bechtold Bros. Upholstering Co.	Grand Rapids	Upholstered furniture	9	.....	9	.....
June 5	Becker Auto Co.	Grand Rapids	Auto repairing	40	8	48	.....
April 2	Becker Mills	Grand Rapids	Feed and grain	3	.....	3	.....
Jan. 2	Beelby-Neureither Motor Sales Co.	Grand Rapids	Auto repairing	5	1	6	.....
May 7	Behnke, G. H.	Grand Rapids	Feed and fuel	8	1	9	.....
May 10	Bel-Car-Mo Nut Butter Co., The	Grand Rapids	Peanut butter	4	4	8	.....
June 8	Belknap Wagon Co., The	Grand Rapids	Auto bodies	29	1	30	.....
Dec. 31	Bennett Fuel & Ice Co.	Grand Rapids	Coal and ice	37	1	38	.....
Sept. 27	Berkey, W. A. Furniture Co.	Grand Rapids	Furniture	106	.....	106	.....
May 31	Berkey & Gay Furniture Co.	Grand Rapids	Furniture	661	26	687	.....
Sept. 13	Berman & Mindel	Grand Rapids	Meats	2	.....	2	.....
Nov. 9	Bertsch, Herold Shoe Co.	Grand Rapids	Shoes	56	39	95	2
Oct. 1	Bestwall Mfg. Co.	Grand Rapids	Wall board	92	.....	92	1
April 10	Bettin, Otto	Grand Rapids	Plumbing	3	.....	3	.....
April 20	Bignell Bros.	Grand Rapids	Machinery	4	.....	4	.....
June 21	Bissell Carpet Sweeper Co.	Grand Rapids	Carpet sweepers	345	56	401	18
May 1	Black, F. D.	Grand Rapids	Monuments	7	1	8	.....
May 23	Blue Valley Creamery Co.	Grand Rapids	Dairy products	14	13	27	1
May 22	Blymeir, Fred J.	Grand Rapids	Painting and papering	30	1	31	.....
May 7	Bommelje, Wm. & Son	Grand Rapids	Junk	8	2	10	.....
June 15	Boss Leather Co., The	Grand Rapids	Leather goods	2	.....	2	.....
May 4	Bousman Mfg. Co.	Grand Rapids	Filters and tanks	4	.....	4	.....
May 25	Boyce Bros.	Grand Rapids	Cabinet makers	12	1	13	.....
June 15	Boyland Creamery Co.	Grand Rapids	Dairy products	6	1	7	.....
May 8	Bradley Laundry Co.	Grand Rapids	Laundry	14	39	53	1
June 18	Brand, Adam	Grand Rapids	Wagon repairing	3	.....	3	.....
April 6	Braudy, M. & Sons	Grand Rapids	Junk	21	.....	21	.....
April 25	Braudy, M. & Sons	Grand Rapids	Machinery	32	2	34	.....
Dec. 18	Breen & Halladay Fuel Co.	Grand Rapids	Fuel	20	1	21	.....
May 3	Briggs, Mrs. E.	Grand Rapids	Millinery	.....	2	2	.....
June 1	Brock, Harry C.	Grand Rapids	Linotype	6	.....	6	1
April 17	Bronson, C. J.	Grand Rapids	Auto repairing	11	1	12	.....
June 21	Brooks, A. E. & Co.	Grand Rapids	Candy	29	62	91	3
June 13	Brose, Robert F.	Grand Rapids	Sheet metal	3	.....	3	.....
April 10	Brower Co.	Grand Rapids	Novelties	2	3	5	.....
June 21	Brown & Sehler Co.	Grand Rapids	Leather goods	37	1	38	.....
May 8	Brummeler's, Wm. Sons Co.	Grand Rapids	Sheet metal	14	1	15	.....
May 10	Brummeler-Van Strien Co., The	Grand Rapids	Fuel & building supplies	12	1	13	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
April 3	Buck, Claud R. Co	Grand Rapids	Auto repairing	3	.....	3	.....
Dec. 20	Buczek, J. M	Grand Rapids	Tailoring	4	.....	4	.....
April 12	Bulman, E. O. Mfg. Co., The	Grand Rapids	Wire metal specialties	8	3	11	1
June 12	Bunker, G. W. Co	Grand Rapids	Gravel	16	1	17	.....
April 7	Burch, A. F. Co	Grand Rapids	Upholstering	22	4	26	3
April 10	Burton Heights Garage	Grand Rapids	Auto repairing	8	.....	8	.....
April 9	Bustraan Coal Co	Grand Rapids	Coal and wood	5	1	6	.....
May 18	Butterworth & Lowe	Grand Rapids	Castings	23	.....	23	.....
April 12	Cadillac Co	Grand Rapids	Auto repairing	17	1	18	.....
June 11	Carborundum Co., The	Grand Rapids	Carborundum	3	.....	3	.....
May 18	Cargill Co., The	Grand Rapids	Engraving, etc	54	11	65	.....
April 28	Cargill, Wm. O	Grand Rapids	Plumbing	3	1	4	.....
May 7	Central Boiler & Supply Co	Grand Rapids	Boilers	19	1	20	.....
May 3	Central Engraving Co., The	Grand Rapids	Engraving	7	.....	7	.....
April 21	Century Fuel Co	Grand Rapids	Fuel	18	.....	18	.....
April 27	Century Furniture Co	Grand Rapids	Furniture	84	8	92	5
Dec. 12	Chase, W. H. Furniture Co	Grand Rapids	Furniture	19	1	20	.....
Sept. 14	Chaslafsky, J	Grand Rapids	Auto accessories	5	.....	5	.....
April 20	Chatterton & Son	Grand Rapids	Produce	8	72	80	.....
Oct. 18	Chicago Packing House Market	Grand Rapids	Meats	6	1	7	.....
May 4	Christenson's Ice & Coal Co	Grand Rapids	Ice and coal	10	1	11	.....
May 5	Citizens Telephone Co	Grand Rapids	Telephone service	145	188	233	12
Jan. 9	City Bakery Co	Grand Rapids	Baked goods	38	3	41	.....
Jan. 10	City Bakery Co	Grand Rapids	Baked goods	17	1	18	.....
April 16	City Coal & Coke Co	Grand Rapids	Coal and coke	9	1	10	.....
May 31	Clark, Walter Veneer Co	Grand Rapids	Veneer	6	2	8	.....
April 3	Cline, C. C	Grand Rapids	Motorcycles	4	.....	4	.....
April 20	Clipper Belt Lacer Co	Grand Rapids	Belt lacers	62	23	85	1
April 26	Cobb, Max P	Grand Rapids	Signs	4	.....	4	.....
April 3	Colby Gear Co	Grand Rapids	Wagons	8	.....	8	.....
Jan. 8	Collins-Northern Ice Co	Grand Rapids	Ice	41	2	43	.....
April 28	Colonial Furniture Co., The	Grand Rapids	Furniture	5	.....	5	.....
June 15	Colonial Garage	Grand Rapids	Auto repairing	2	.....	2	.....
June 11	Columbian Transfer Co	Grand Rapids	Storage and draying	37	1	38	.....
April 4	Commercial Printing Co	Grand Rapids	Job printing	4	1	5	.....
April 26	Commonwealth Printing Co	Grand Rapids	Job printing	7	.....	7	.....
June 11	Compostone Co	Grand Rapids	Stone	4	2	6	.....
May 4	Connor Foundry Co	Grand Rapids	Castings	19	1	20	.....
June 22	Consolidated Chemical Co	Grand Rapids	Medical inhalers	1	12	13	.....
Dec. 31	Consumers Ice Co	Grand Rapids	Ice	53	2	55	.....
June 7	Consumers Power Co	Grand Rapids	Electricity	2	.....	2	.....
June 7	Consumers Power Co	Grand Rapids	Electricity	26	.....	26	.....
June 7	Consumers Power Co	Grand Rapids	Electricity and heating	13	.....	13	.....
June 6	Consumers Power Co	Grand Rapids	Electricity	37	.....	37	.....
June 6	Consumers Power Co	Grand Rapids	Electricity	2	.....	2	.....
June 6	Consumers Power Co	Grand Rapids	Electricity	2	.....	2	.....
May 1	Conti, T. A. & Son	Grand Rapids	Marquetry	2	1	3	.....
April 13	Couple-Gear Freight Wheel Co	Grand Rapids	Trucks	34	2	36	1
April 16	Covell-Hensen Co., The	Grand Rapids	Job printing	13	3	16	1
May 5	Cox, H. F. Co	Grand Rapids	Sheet metal	11	1	12	.....
May 15	Coye, Chas. A	Grand Rapids	Awnings	8	6	14	.....
May 29	Creston Fuel & Building Material Co	Grand Rapids	Fuel	10	.....	10	.....
May 28	Creston Garage, The	Grand Rapids	Auto repairing	3	.....	3	.....
May 3	Creston News, The	Grand Rapids	Printed matter	3	.....	3	.....
May 4	Creston Upholstering Works	Grand Rapids	Upholstering	2	.....	2	.....
April 30	Criswell Furniture Co., The	Grand Rapids	Furniture	27	1	28	1
May 17	Crocker, B	Grand Rapids	Hides	2	.....	2	.....
June 11	Crohon & Roden Co., Ltd	Grand Rapids	Hides	18	.....	18	.....
Sept. 12	Cross & Havens	Grand Rapids	Meats	2	.....	2	.....
May 28	Dale Bros. Excelsior Co	Grand Rapids	Excelsior	6	.....	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
Jan. 10	Danbury Hat Mfg. Co	Grand Rapids	Hats	4	1	5	.....
April 5	Davies-Putnam Co	Grand Rapids	Furniture	47	2	49	.....
May 14	Dawson, Chas	Grand Rapids	Auto repairing	9	.....	9	1
June 22	Dean, Chas. V	Grand Rapids	Auto repairing	3	.....	3	.....
May 23	Dean-Hicks Co., The	Grand Rapids	Printing	69	26	95	4
May 1	Decker, W. A	Grand Rapids	Plumbing	2	1	3	.....
April 3	DeClark & DeBoer	Grand Rapids	Plumbing	4	.....	4	1
May 14	Defferential Clock Co	Grand Rapids	Clocks	6	.....	6	.....
Nov. 30	DeJager-Bultema Fuel Co	Grand Rapids	Coal and wood	3	1	4	.....
May 7	DeKorne & Lindhout	Grand Rapids	Hand carving	7	.....	7	.....
Jan. 4	Den Herder, J. & Co	Grand Rapids	Meats	3	.....	3	.....
May 22	DeNio, Geo. Co	Grand Rapids	Interior finish	4	.....	4	.....
Dec. 28	Denison, Dykema & Co	Grand Rapids	Plumbing, etc	17	1	18	.....
April 3	Derenzy, C. Guendola	Grand Rapids	Millinery	.....	2	2	.....
May 12	DeStandaard Publishing Co	Grand Rapids	Printing	10	.....	10	.....
Oct. 18	Dettling, F	Grand Rapids	Baked goods	1	1	2	.....
April 26	DeVries Printing Co	Grand Rapids	Printing	4	.....	4	1
May 22	DeWindt, A	Grand Rapids	Photography	3	.....	3	.....
May 14	DeYoung Bros. Fuel Co	Grand Rapids	Fuel	6	1	7	.....
April 23	Dickinson Bros	Grand Rapids	Engraving	40	7	47	1
April 17	Dierdorf Cigar Co	Grand Rapids	Cigars	12	5	17	.....
April 2	Ditmar & Griffioen	Grand Rapids	Meats	5	.....	5	.....
April 14	Division Ave. Garage	Grand Rapids	Auto repairing	10	.....	10	.....
May 8	Dodds, Alexander Co	Grand Rapids	Machinery	25	.....	25	1
April 3	Donker & Mol	Grand Rapids	Coal and wood	13	.....	13	.....
Sept. 13	Dowd, Chas	Grand Rapids	Meats	2	1	3	.....
Oct. 19	Dressler, Chas. B	Grand Rapids	Meats	2	.....	2	.....
April 25	Driggs, Geo. S	Grand Rapids	Bedding, etc	3	1	4	.....
April 27	Drueke, Wm. F. & Co	Grand Rapids	Novelties	13	2	15	1
May 7	Duhamel Printing Co	Grand Rapids	Job printing	13	2	15	2
April 28	Dunn Electric Co., Inc	Grand Rapids	Electrical supplies	9	1	10	.....
June 1	Durfee Mfg. Co	Grand Rapids	Embalming fluid	9	8	17	.....
April 12	Dwight, S. A	Grand Rapids	Auto repairing	10	.....	10	.....
April 16	Eagle Bakery	Grand Rapids	Baked goods	2	1	3	.....
June 14	East End Feed & Fuel Co	Grand Rapids	Fuel and feed	11	1	12	.....
Dec. 20	Echo Publishing Co	Grand Rapids	Printing	4	2	6	2
May 3	Eckberg Auto Sales Co	Grand Rapids	Auto repairing	10	1	11	.....
April 25	Economy Dye House	Grand Rapids	Dry cleaning, etc	8	13	21	.....
Jan. 1	Economy Garage	Grand Rapids	Auto repairing	3	.....	3	.....
May 28	Edge, Benjamin F	Grand Rapids	Interior finish	11	1	12	.....
April 21	Edge, Frank & Co	Grand Rapids	Saws	3	1	4	.....
Dec. 21	Egle, Rudolf	Grand Rapids	Baked goods	2	2	4	.....
April 10	Elenbaas, M. J. & Sons	Grand Rapids	Feed and coal	9	1	10	.....
April 10	Eleveld, Mrs. Alice	Grand Rapids	Millinery	.....	3	3	.....
May 23	Elliott Machine Co	Grand Rapids	Machinery	13	24	37	.....
May 11	Elliott Printing Co	Grand Rapids	Job printing	3	1	4	.....
May 3	Elston Packing & Storage Co	Grand Rapids	Packing and storage	13	4	17	.....
May 19	Engstrom & Johnson Novelty Shop	Grand Rapids	Furniture	4	.....	4	.....
May 8	Enterprise Electric Co	Grand Rapids	Electrical supplies	11	1	12	1
April 7	Enterprise Iron & Metal Co	Grand Rapids	Junk	15	4	19	.....
June 15	Etheridge Printing Co	Grand Rapids	Job printing	16	4	20	1
May 1	Evans Printing Co	Grand Rapids	Job printing	4	4	8	1
April 26	Evans & Retting Lumber Co	Grand Rapids	Lumber	6	1	7	.....
Sept. 13	Excelsior Motorcycle Co	Grand Rapids	Auto repairing	6	.....	6	1
June 18	Excelsior Wrapper Co	Grand Rapids	Excelsior wrappers	102	4	106	22
April 16	Falkel, A	Grand Rapids	Job work	2	.....	2	.....
May 16	Fasoldt, Chas	Grand Rapids	Overalls	2	15	17	.....
June 21	Feldpausch Bros	Grand Rapids	Meats	13	1	14	1
Dec. 31	Ferguson, F. Supply Co., Ltd	Grand Rapids	Plumbing	4	1	5	.....
June 11	Fiber Grand Co	Grand Rapids	Fiber cord	4	2	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
April 10	Field Motor Co.	Grand Rapids	Motors	5	.....	5	.....
Dec. 21	Filer, Calvin	Grand Rapids	Meats	3	.....	3	.....
Jan. 10	Flottorp Mfg. Co.	Grand Rapids	Aircraft propellers	59	1	60	.....
April 13	Folger's	Grand Rapids	Soft drinks	7	1	8	.....
May 1	Folger, G. H. & Son	Grand Rapids	Patterns	14	1	15	1
April 14	Forbes Stamp Co., The	Grand Rapids	Rubber stamps	4	1	5	.....
April 20	Forest Craft Guild	Grand Rapids	Art novelties	3	3	6	1
April 2	Fortuin, D.	Grand Rapids	Baked goods	5	1	6	.....
April 24	Fox Typewriter Co.	Grand Rapids	Typewriters	98	17	115	2
April 28	Franklin Print Shop	Grand Rapids	Printing	2	.....	2	.....
April 18	Fritz Mfg. Co., The	Grand Rapids	Refrigerators	55	3	58	2
April 9	Fuller Station Lumber & Mfg. Co.	Grand Rapids	Lumber	5	.....	5	.....
June 21	Fulton Bakery	Grand Rapids	Baked goods	3	.....	3	.....
June 21	Fulton Heights Garage	Grand Rapids	Auto repairing	5	.....	5	.....
June 22	Furniture City Brewing Co.	Grand Rapids	Beer	32	.....	32	.....
Sept. 13	Furniture City Casket Co.	Grand Rapids	Caskets	5	2	7	.....
June 20	Furniture City Dry Cleaners & Dyers	Grand Rapids	Dry cleaning	5	1	6	.....
June 22	Furniture City Pearl Button Co., Inc.	Grand Rapids	Pearl buttons	12	6	18	1
April 14	Furniture City Plating Co.	Grand Rapids	Plating and polishing	4	1	5	.....
June 4	Furniture City Printing Co.	Grand Rapids	Job printing	3	.....	3	.....
April 14	Gast, P. B. Soap Co.	Grand Rapids	Soap	2	.....	2	.....
May 6	Gee, Paul	Grand Rapids	Auto repairing	7	.....	7	.....
Jan. 8	Gelock, M. A.	Grand Rapids	General teaming	7	.....	7	.....
April 12	George, Frank	Grand Rapids	Plumbing	8	.....	8	.....
April 20	Gillett Roller Bearing Co.	Grand Rapids	Roller bearings	5	.....	5	.....
May 18	Globe Knitting Works	Grand Rapids	Underwear	79	406	485	.....
April 23	Globe Printing Co.	Grand Rapids	Job printing	3	.....	3	.....
May 9	Globe Vise & Truck Co.	Grand Rapids	Trucks	6	1	7	.....
Dec. 27	Glus Hat & Glove Shop	Grand Rapids	Millinery and gloves	.....	3	3	.....
June 19	Golden & Boter Transfer Co.	Grand Rapids	General teaming	111	.....	111	.....
April 11	Gold Star Bakery	Grand Rapids	Baked goods	10	.....	10	.....
Dec. 28	Goss & Co.	Grand Rapids	Millinery	.....	2	2	.....
May 16	Goudswaard Bros.	Grand Rapids	Hardware	5	.....	5	.....
April 3	Goudswaard, C.	Grand Rapids	Fuel	4	1	5	.....
April 27	Grand Enameling Works	Grand Rapids	Enameling	3	.....	3	.....
Nov. 9	Grand Market, The	Grand Rapids	Meats	5	.....	5	.....
May 9	Grand Rapids Art Glass Co.	Grand Rapids	Art glass	7	.....	7	.....
May 10	Grand Rapids Barrel Co.	Grand Rapids	Barrels	4	1	5	.....
May 18	Grand Rapids Bedding Co.	Grand Rapids	Bedding	56	6	62	.....
May 14	Grand Rapids Belting Co.	Grand Rapids	Leather belting	5	1	6	.....
April 30	Grand Rapids Blow Pipe & Dust Arrester Co.	Grand Rapids	Sheet metal	44	.....	44	.....
May 3	Grand Rapids Board of Public Works	Grand Rapids	Light and water	28	.....	28	.....
May 3	Grand Rapids Board of Public Works	Grand Rapids	Filtering	18	.....	18	.....
May 3	Grand Rapids Board of Public Works	Grand Rapids	Repairing	21	.....	21	.....
May 3	Grand Rapids Board of Public Works	Grand Rapids	Light	17	.....	17	.....
April 24	Grand Rapids Boiler Works	Grand Rapids	Boilers	4	.....	4	.....
June 14	Grand Rapids Brass Co.	Grand Rapids	Brass goods	275	31	306	13
May 11	Grand Rapids Bread Co.	Grand Rapids	Baked goods	24	2	26	.....
May 25	Grand Rapids Brewing Co.	Grand Rapids	Beer	46	.....	46	.....
May 25	Grand Rapids Brewing Co.	Grand Rapids	Bottling beer	60	.....	60	.....
May 14	Grand Rapids Brick Co.	Grand Rapids	Brick	48	.....	48	.....
May 21	Grand Rapids Broom Co., The	Grand Rapids	Brooms	3	.....	3	.....
May 18	Grand Rapids Brush Co.	Grand Rapids	Brushes	74	37	111	1
April 2	Grand Rapids Builders Supply Co.	Grand Rapids	Building material	6	1	7	.....
Dec. 22	Grand Rapids Butchers Supply Co.	Grand Rapids	Butchers' supplies	2	1	3	.....
June 12	Grand Rapids Calendar Co.	Grand Rapids	Calendars	4	1	5	.....
April 13	Grand Rapids Casket Co.	Grand Rapids	Caskets	12	2	14	.....
May 28	Grand Rapids Chair Co.	Grand Rapids	Furniture	350	2	352	5
May 31	Grand Rapids Cigar Box Co.	Grand Rapids	Cigar boxes	10	16	26	2
May 5	Grand Rapids Cigar Co.	Grand Rapids	Cigars	8	1	9	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
April 2	Grand Rapids Creamery Co.	Grand Rapids	Dairy products	4	1	5	.....
May 18	Grand Rapids Custom Shirt Co.	Grand Rapids	Shirts	2	9	11	.....
May 14	Grand Rapids Dowel Works	Grand Rapids	Dowels	2	.....	2	.....
April 30	Grand Rapids Dress Form Co.	Grand Rapids	Dress forms	11	12	23	.....
June 20	Grand Rapids Dry Cleaners	Grand Rapids	Dry cleaning	3	1	4	.....
May 14	Grand Rapids Electric Co.	Grand Rapids	Electrical supplies	23	2	25	.....
May 5	Grand Rapids Electrotype Co.	Grand Rapids	Electrotypes	24	1	25	1
Jan. 17	Grand Rapids Fancy Furniture Co.	Grand Rapids	Furniture	96	2	98	1
June 4	Grand Rapids Felting Co.	Grand Rapids	Mattresses	3	1	4	.....
April 3	Grand Rapids Fibre Cord Co.	Grand Rapids	Cordage	6	6	12	2
April 5	Grand Rapids Fibre Furniture Co.	Grand Rapids	Fibre furniture	90	72	162	10
May 11	Grand Rapids Forging & Iron Co.	Grand Rapids	Steel forging	11	.....	11	.....
May 9	Grand Rapids Foundry Co., The	Grand Rapids	Castings	101	1	102	.....
May 22	Grand Rapids Furniture Co.	Grand Rapids	Furniture	178	3	181	.....
May 19	Grand Rapids Grain & Milling Co.	Grand Rapids	Flour and feed	7	.....	7	.....
April 17	Grand Rapids Hardware Co.	Grand Rapids	Hardware	74	74	148	.....
June 14	Grand Rapids Herald, The	Grand Rapids	Printed matter	74	12	86	2
May 11	Grand Rapids Ice & Coal Co.	Grand Rapids	Ice and coal	10	1	11	.....
May 23	Grand Rapids & Indiana R. R. Co.	Grand Rapids	Car repairing	474	.....	474	.....
May 19	Grand Rapids Kolatona Co.	Grand Rapids	Soft drinks	5	.....	5	.....
May 8	Grand Rapids Lamp Co.	Grand Rapids	Lamps	6	1	7	.....
April 2	Grand Rapids Lumber Co.	Grand Rapids	Lumber	6	.....	6	.....
April 18	Grand Rapids Lumber Co.	Grand Rapids	Lumber	5	.....	5	.....
June 14	Grand Rapids Lumber Co.	Grand Rapids	Lumber	5	.....	5	1
May 18	Grand Rapids Lumber Co.	Grand Rapids	Interior finish	31	1	32	.....
April 9	Grand Rapids Malleable Works	Grand Rapids	Castings	297	42	339	1
April 3	Grand Rapids Monument Co.	Grand Rapids	Monuments	6	.....	6	.....
April 9	Grand Rapids Oil Co.	Grand Rapids	Oil products	13	1	14	.....
April 12	Grand Rapids Ornamental Iron & Wire Works	Grand Rapids	Wire ornaments	3	.....	3	.....
Jan. 11	Grand Rapids Overland Co.	Grand Rapids	Auto salesroom	40	8	48	.....
April 23	Grand Rapids Panel Co.	Grand Rapids	Machinery	6	.....	6	.....
May 10	Grand Rapids Paper Box Co.	Grand Rapids	Paper boxes	41	82	123	6
June 15	Grand Rapids Piano Case Co.	Grand Rapids	Piano cases	120	.....	120	7
Sept. 29	Grand Rapids Plaster Co.	Grand Rapids	Gypsum	19	.....	19	.....
Sept. 30	Grand Rapids Plaster Co.	Grand Rapids	Gypsum	44	.....	44	.....
May 25	Grand Rapids Press	Grand Rapids	Printed matter	108	18	126	2
May 2	Grand Rapids Printing Co.	Grand Rapids	Job printing	8	.....	8	1
April 24	Grand Rapids Railway Co.	Grand Rapids	Car repairing	48	.....	48	.....
Nov. 13	Grand Rapids Refrigerator Co.	Grand Rapids	Refrigerators	513	8	521	14
May 17	Grand Rapids Salvage Co.	Grand Rapids	Junk	27	2	29	.....
Dec. 21	Grand Rapids Sanitary Market	Grand Rapids	Meats	3	.....	3	.....
April 9	Grand Rapids School Equipment Co.	Grand Rapids	School equipments	113	3	116	3
May 2	Grand Rapids Screen Co.	Grand Rapids	Screens	8	1	9	1
May 7	Grand Rapids Sheet Metal & Roofing Co.	Grand Rapids	Sheet metal	7	.....	7	.....
May 15	Grand Rapids Shoe Trimming Co.	Grand Rapids	Shoe trimming	1	8	9	.....
May 11	Grand Rapids Show Case Co.	Grand Rapids	Metal work	51	.....	51	3
May 11	Grand Rapids Show Case Co.	Grand Rapids	Show cases	432	25	457	4
May 22	Grand Rapids Sticky Fly Paper Co.	Grand Rapids	Fly paper	22	33	55	.....
Jan. 1	Grand Rapids Taxicab Co.	Grand Rapids	Taxicabs	16	.....	16	.....
April 20	Grand Rapids Textile Machinery Co., The	Grand Rapids	Textile machinery	26	1	27	.....
April 28	Grand Rapids Trunk Co.	Grand Rapids	Trunks	2	1	3	.....
May 21	Grand Rapids Upholstering Co.	Grand Rapids	Upholstered furniture	72	5	77	1
June 21	Grand Rapids Varnish Co.	Grand Rapids	Varnish	13	.....	13	1
April 27	Grand Rapids Veneer Works	Grand Rapids	Veneer, panels, etc.	180	4	184	4
Dec. 31	Grand Rapids Wood Finishing Co.	Grand Rapids	Wood stains, etc.	19	2	21	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
Sept. 28	Grandville Avenue Garage, The	Grand Rapids	Auto repairing	4	.....	4	.....
June 15	Grandville Dairy	Grand Rapids	Dairy products	17	2	19	.....
April 6	Great Western Oil Co., The	Grand Rapids	Oils and greases	17	3	20	.....
April 12	Grocers Baking Co	Grand Rapids	Baked goods	17	1	18	.....
Dec. 12	Grooters, H	Grand Rapids	Meats	2	.....	2	.....
April 14	Guarantee Vulcanizing Co	Grand Rapids	Auto repairing	3	.....	3	.....
April 10	Gunn Furniture Co., The	Grand Rapids	Sectional bookcases	275	10	285	26
June 15	Hammer & Cortenhof	Grand Rapids	Hardware	5	1	6	.....
April 23	Haney School Furniture Co	Grand Rapids	School seats	68	4	72	1
April 24	Hanford Lumber Co., The	Grand Rapids	Lumber	6	1	7	.....
April 25	Harring, F. J. & Co	Grand Rapids	Brass castings	9	.....	9	.....
April 18	Harrison Land Co., Ltd	Grand Rapids	Gravel, etc	14	.....	14	.....
May 24	Hart Mirror Plate Co	Grand Rapids	Plate glass	65	.....	65	3
June 12	Hartnacke, M	Grand Rapids	Millinery	.....	3	3	.....
April 26	Hatch, Mrs. Fred	Grand Rapids	Baked goods	.....	3	3	.....
April 20	Haven, R. H. & Son	Grand Rapids	Wire work	6	.....	6	.....
June 15	Haven, T. J. Electric Co	Grand Rapids	Electrical supplies	4	.....	4	.....
Dec. 14	Hayden, J. M. Co	Grand Rapids	Mill supplies	4	1	5	.....
June 7	Hayes-Ionia Co	Grand Rapids	Auto bodies	109	3	112	7
April 12	Haynes, Ralph	Grand Rapids	Auto repairing	6	.....	6	.....
June 22	Heather, Victor U	Grand Rapids	Sheet metal	7	1	8	.....
May 24	Hegeman Machine Works	Grand Rapids	Machine repairing	1	.....	1	.....
April 18	Heinz, H. J. Co	Grand Rapids	Pickles	22	9	31	.....
June 20	Hekman Biscuit Co	Grand Rapids	Baked goods	18	15	33	2
April 2	Henderson Milling Co	Grand Rapids	Flour and feed	9	2	11	.....
April 4	Henze, Irene L	Grand Rapids	Millinery	.....	4	4	.....
Jan. 8	Her, Chas. F	Grand Rapids	Meats	3	.....	3	1
April 11	Heth Bros	Grand Rapids	Furnaces	5	1	6	1
May 22	Heystek & Canfield Co	Grand Rapids	Paper and paint	32	15	47	1
April 27	Hill Domestic Bakery	Grand Rapids	Baked goods	23	1	24	.....
May 16	Hill Garage & Machinery Co	Grand Rapids	Auto repairing	5	.....	5	1
May 16	Hill Plumbing Co	Grand Rapids	Plumbing	3	1	4	.....
June 14	Hilton, H. Judd	Grand Rapids	Baked goods	2	1	3	.....
April 12	Hilton, H. P	Grand Rapids	Baked goods	2	1	3	.....
April 18	Himes, A. Coal Co	Grand Rapids	Fuel	14	1	15	.....
April 26	Hirth, Fred H	Grand Rapids	Cut stone	8	1	9	.....
Nov. 8	Hirth-Krause Co	Grand Rapids	Shoes	14	9	23	2
June 11	Holcomb, A. L. & Co	Grand Rapids	Saws	3	.....	3	.....
June 15	Home Fluff Rug Manufactory, The	Grand Rapids	Rugs	2	1	3	.....
April 21	Home Fuel Co	Grand Rapids	Fuel	7	1	8	.....
June 1	Hooper, Harry	Grand Rapids	Blacksmithing	6	.....	6	.....
May 31	Hopson, W. C. Co	Grand Rapids	Sheet metal	14	2	16	1
April 20	Hulst & Van Heulen Fuel Co	Grand Rapids	Fuel	10	.....	10	.....
April 28	Huneman, G. J	Grand Rapids	Plumbing	3	1	4	.....
Jan. 1	Huyge & Backart Coal Co	Grand Rapids	Coal, grain, etc	7	.....	7	.....
April 18	Hyde, A. & Son	Grand Rapids	Fuel and feed	7	.....	7	.....
Dec. 21	Ideal Bakery	Grand Rapids	Baked goods	.....	3	3	.....
May 5	Ideal Clothing Co., The	Grand Rapids	Clothing	8	38	46	.....
April 26	Ideal Foundry Co	Grand Rapids	Castings	32	.....	32	.....
May 2	Ideal Paper Box Co	Grand Rapids	Paper boxes	2	7	9	.....
April 10	Imperial Chemical Co	Grand Rapids	Spray material	18	1	19	.....
April 13	Imperial Furniture Co	Grand Rapids	Tables	409	26	435	14
April 17	Imperial Machinery Co	Grand Rapids	Machinery	13	1	14	1
April 17	Independent Garage	Grand Rapids	Auto repairing	3	.....	3	.....
April 24	Inner Shoe Tire Co	Grand Rapids	Tire re-enforcement	11	2	13	.....
May 31	International Harvester Co. of America	Grand Rapids	Farm implements	16	3	19	.....
Jan. 14	Jandorf, C. S	Grand Rapids	Baked goods	14	17	31	.....
Dec. 20	Jansen, Henry	Grand Rapids	Baked goods	2	2	4	.....
Dec. 18	Jardine, Robert K. Lumber Co	Grand Rapids	Lumber	4	.....	4	.....
Sept. 27	Jasperse, John	Grand Rapids	Coal & building supplies	4	1	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
May 8	Jeltes, S. & Son	Grand Rapids	Wood turning	6	.....	6	.....
June 22	Jennings Mfg. Co	Grand Rapids	Perfumes	15	14	29	1
June 19	Jesiek Boat Co	Grand Rapids	Boats	5	1	6	.....
Nov. 30	Johnson Furniture Co	Grand Rapids	Furniture	146	2	148	5
May 10	Johnson, G. J. Cigar Co	Grand Rapids	Cigars	30	374	404	10
April 10	Johnson, H. M. & Co	Grand Rapids	Bicycles	3	.....	3	.....
June 8	Johnson's, J. B. Sons Co	Grand Rapids	Printed matter	6	2	8	.....
May 5	Joyce, A. L. & Son	Grand Rapids	Soft drinks	6	1	7	.....
Jan. 8	Kamstra, John	Grand Rapids	Meats	3	.....	3	.....
Oct. 19	Kats, L. J	Grand Rapids	Meats	6	1	7	.....
May 29	Keeler Brass Co	Grand Rapids	Brass goods	316	121	437	40
June 18	Kelly Ice Cream Co	Grand Rapids	Ice cream	9	.....	9	.....
April 17	Kelly Shirt Co	Grand Rapids	Shirts	5	18	23	.....
April 13	Kent State Garage & Supply Co	Grand Rapids	Auto repairing	4	1	5	.....
Sept. 14	Kent Steel & Construction Co	Grand Rapids	Steel products	10	.....	10	.....
May 17	Kent Storage Co	Grand Rapids	Cold storage	26	1	27	.....
June 6	Kiefer, Edgar S. Tanning Co	Grand Rapids	Leather	46	.....	46	.....
April 16	Kindel Bed Co., The	Grand Rapids	Beds	116	6	122	12
May 31	Kinsey, E. L	Grand Rapids	Shirts	6	30	36	.....
April 2	Kleynenberg, A. C	Grand Rapids	Baked goods	3	1	4	.....
April 2	Klise Mfg. Co	Grand Rapids	Carving	42	2	44	2
April 5	Knape John, Machine Co	Grand Rapids	Hardware	56	2	58	6
June 15	Knee Heating Co	Grand Rapids	Heating and plumbing	13	.....	13	.....
June 8	Knickerbocker Press, The	Grand Rapids	Job printing	4	.....	4	1
April 24	Kopf Wagon Co	Grand Rapids	Wagons	2	.....	2	.....
May 25	Kroese & Weeber	Grand Rapids	Sheet metal	3	.....	3	.....
May 29	Kuennen, C. G	Grand Rapids	Plumbing	15	.....	15	.....
May 16	Kugel Bros	Grand Rapids	Upholstering	4	.....	4	.....
April 14	Kugel, John & Sons	Grand Rapids	Upholstering	4	.....	4	.....
May 29	Kuppenheimer Cigar Co	Grand Rapids	Cigars	20	6	26	.....
June 22	Lake Drive Auto Co	Grand Rapids	Auto repairing	6	.....	6	1
April 3	LaMode Hat Shop	Grand Rapids	Millinery	.....	3	3	.....
April 3	Lang, Jos. B	Grand Rapids	Plumbing	2	1	3	.....
April 25	Langereis, H. H. D	Grand Rapids	Printing	3	.....	3	.....
May 8	Lauson Furniture Co	Grand Rapids	Furniture	27	15	42	2
May 2	Lavier & Long Electric Co	Grand Rapids	Storage batteries	2	.....	2	.....
Dec. 31	Lehnen Co	Grand Rapids	Feed and fuel	4	1	5	.....
April 12	Lehnen, Geo. L	Grand Rapids	Plumbing	2	1	3	.....
May 24	Lehnen, Herbert W	Grand Rapids	Feed and fuel	8	1	9	.....
May 23	Leitelt, Adolph Iron Works	Grand Rapids	Elevators	93	1	94	.....
May 18	Leonard, Geo. M. Co	Grand Rapids	Paste	4	.....	4	.....
April 30	Letellier, F. & Co	Grand Rapids	Interior finish	32	1	33	.....
May 14	Letson Taxicab Co	Grand Rapids	Auto repairing	4	.....	4	.....
Dec. 17	Lewellyn Bean Co	Grand Rapids	Beans	11	86	97	.....
May 21	Lewis Electric Co	Grand Rapids	Electrical supplies	23	3	26	.....
May 9	Lincoln, H. F	Grand Rapids	Type setting	4	.....	4	1
June 19	Lindner Interior Mfg. Co	Grand Rapids	Interior finish	48	.....	48	.....
May 8	Lindquist Furniture Co	Grand Rapids	Furniture	7	.....	7	.....
May 17	Litscher, C. J. Electric Co	Grand Rapids	Electrical supplies	12	4	16	2
May 16	Lowell Mfg. Co	Grand Rapids	Garments	4	27	31	.....
May 4	Lubetsky Bros. & Kleiner	Grand Rapids	Cigars	4	136	140	.....
June 22	Luce Furniture Co., The	Grand Rapids	Furniture	419	5	424	16
May 14	Lundeen & Bengtson Co	Grand Rapids	Piano benches	3	.....	3	.....
Dec. 21	Lyon, Harry	Grand Rapids	Blacksmithing	2	.....	2	.....
April 23	M. B. M. Shirt Co	Grand Rapids	Shirts	1	3	4	.....
April 16	Macauley Bros	Grand Rapids	Heating	9	.....	9	.....
May 12	Macey Co., The	Grand Rapids	Bookcases	182	26	208	12
May 16	MacLaren, R. J	Grand Rapids	Auto painting	2	.....	2	.....
April 11	McGregor's Steam Dye Works	Grand Rapids	Dyeing and cleaning	3	.....	3	.....
April 10	Madison Square Garage	Grand Rapids	Auto repairing	9	.....	9	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
Jan. 4	Mallouch Knitting Mills	Grand Rapids	Knit goods	1	9	10	.....
May 9	Manhattan Machine & Tool Works	Grand Rapids	Machine saws	17	2	19	.....
April 16	Manns, Wm	Grand Rapids	Plumbing	5	1	6	.....
April 10	Manshum, E. J	Grand Rapids	Flour and feed	4	.....	4	.....
May 29	Marquette Lumber Co	Grand Rapids	Interior finish	42	1	43	.....
April 11	Mattason & Cook	Grand Rapids	Printing	2	1	3	.....
April 30	Matsdorf, W	Grand Rapids	Band sawing	3	.....	3	.....
May 17	Mechanical Digest, The	Grand Rapids	Printing	2	.....	2	.....
April 20	Mencinsky, Miss F	Grand Rapids	Millinery	.....	2	2	.....
April 18	Metal Office Furniture Co	Grand Rapids	Office furniture	75	.....	75	.....
May 10	Metzger, William	Grand Rapids	Plumbing	4	.....	4	.....
Dec. 27	Michigan Aircraft Mfg. Co	Grand Rapids	Aeroplanes	9	2	11	.....
April 21	Michigan Brush Co	Grand Rapids	Brushes	2	1	3	.....
Nov. 6	Michigan Chair Co	Grand Rapids	Furniture	269	3	272	24
May 12	Michigan Dental Supply Co	Grand Rapids	Dental supplies	5	.....	5	2
May 9	Michigan Desk Co	Grand Rapids	Desks	44	2	46	.....
May 21	Michigan Engraving Co	Grand Rapids	Photo engraving	10	1	11	.....
April 24	Michigan Finishing Co	Grand Rapids	Finishing & upholstering	3	.....	3	.....
April 27	Michigan Fluff Rug Co	Grand Rapids	Rugs	1	2	3	.....
Oct. 18	Michigan Gypsum Co	Grand Rapids	Plaster	72	2	74	.....
April 24	Michigan Hearse & Motor Co	Grand Rapids	Motor hearses	51	2	53	.....
June 21	Michigan Lithographing Co	Grand Rapids	Lithographing	34	7	41	2
Oct. 20	Michigan Shoe Repair Co	Grand Rapids	Shoe repairing	6	2	8	1
June 28	Michigan State Telephone Co	Grand Rapids	Telephone service	78	152	230	1
April 23	Michigan Tire Co	Grand Rapids	Auto supplies	19	.....	19	.....
May 7	Michigan Wheel Co	Grand Rapids	Marine supplies	21	1	22	.....
April 13	Miller Auto Sales Co	Grand Rapids	Auto sales and repairing	15	.....	15	.....
May 21	Miller, C. Delno Auto Co	Grand Rapids	Auto sales and repairing	28	3	31	1
May 16	Miller, E. F	Grand Rapids	Shoe repairing	2	.....	2	.....
Dec. 27	Miller-Elgin Sales Co	Grand Rapids	Auto repairing	2	.....	2	.....
May 21	Mills-Broderick Printing Co	Grand Rapids	Job printing	8	1	9	1
May 1	Model Electric Shoe Repair Shop	Grand Rapids	Shoe repairing	2	.....	2	.....
Dec. 28	Mohrhardt, J. A	Grand Rapids	Meats	9	2	11	.....
Dec. 28	Mohrhardt, J. C. & Co	Grand Rapids	Meats	3	.....	3	.....
May 16	Mohrhardt, Peter D	Grand Rapids	Meats	14	3	17	.....
April 5	Mol, J. & Sons	Grand Rapids	Junk	3	.....	3	.....
June 11	Monarch Machinery Mfg. Co	Grand Rapids	Machinery	2	1	3	.....
Dec. 21	Montrim, Adolf	Grand Rapids	Shoe repairing	2	.....	2	.....
June 22	Mooney, William Shirt Co	Grand Rapids	Shirts	3	7	10	.....
April 20	Moon Lake Ice Co	Grand Rapids	Ice	17	.....	17	1
April 18	Morman, S. A. & Co	Grand Rapids	Fuel	5	.....	5	.....
May 8	Morman, S. A. & Co	Grand Rapids	Coal	19	.....	19	.....
Dec. 27	Morning Side Market	Grand Rapids	Meats	2	1	3	.....
April 16	Morrison, A. Iron & Metal Co	Grand Rapids	Junk	14	4	18	.....
April 20	Moseley Brothers	Grand Rapids	Produce	6	12	18	.....
May 1	Mueller & Slack Co	Grand Rapids	Upholstered furniture	56	4	60	1
May 21	Munson Co., The	Grand Rapids	Edge tools	3	.....	3	.....
May 24	Nachtegall Mfg. Co	Grand Rapids	Woodworking	44	2	46	.....
Jan. 4	Nagel, Chas. J	Grand Rapids	Meats	3	.....	3	.....
June 21	National Biscuit Co	Grand Rapids	Baked goods	106	72	178	5
April 24	National Brass Co., The	Grand Rapids	Brass hardware	64	25	89	2
June 15	National Candy Co., Inc	Grand Rapids	Candy	62	66	128	2
May 15	National Piano Mfg. Co	Grand Rapids	Pianos	34	4	38	2
June 8	National Shoe Repairing Co	Grand Rapids	Shoe repairing	9	1	10	1
May 5	National Union Drug Association	Grand Rapids	Drugs	2	4	6	.....
June 20	Naylor Upholstering Co	Grand Rapids	Furniture	5	1	6	.....
June 12	Nelson-Matter Furniture Co	Grand Rapids	Furniture	120	4	124	.....
April 3	New Era Spring & Specialty Co	Grand Rapids	Sheet metal	25	1	26	.....
June 14	Newspaper Engraving Co	Grand Rapids	Engraving	5	.....	5	.....
May 18	Nichols-Clement Co	Grand Rapids	Wood knobs	5	.....	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
June 18	Nichols & Cox Lumber Co	Grand Rapids	Lumber and flooring	106	7	113	2
May 1	Nicklin Print Shop	Grand Rapids	Job printing	2	.....	2	.....
April 27	Noel, John S. Co	Grand Rapids	Electrical supplies	9	2	11	1
Dec. 27	Norwood Market	Grand Rapids	Meats	5	1	6	.....
April 11	Nyburg Plumbing & Heating Co	Grand Rapids	Plumbing	7	1	8	.....
Dec. 27	O'Donnell & Smith	Grand Rapids	Auto repairing	4	.....	4	.....
June 13	Oliver Machinery Co	Grand Rapids	Machinery	289	8	297	1
May 7	Onderdonk Printing Co., The	Grand Rapids	Printing	14	2	16	4
Dec. 29	Oosterveer, C	Grand Rapids	Meats	3	1	4	.....
Dec. 28	Oosterhof, E	Grand Rapids	Custom clothing	2	.....	2	.....
April 3	Oppeneer & McDonald	Grand Rapids	Sheet metal	3	.....	3	.....
April 23	Ornamental Glass Co	Grand Rapids	Ornamental glass	2	.....	2	.....
April 10	Orsinger's Bakery	Grand Rapids	Baked goods	1	2	3	.....
April 26	Oswood, Frank P. Co	Grand Rapids	Auto repairing	5	1	6	.....
May 10	Otte Bros	Grand Rapids	Laundry	75	174	249	1
June 20	Paalman Furniture Co	Grand Rapids	Furniture	50	2	52	2
June 12	Paine, C. S. Co	Grand Rapids	Furniture	59	10	69	.....
May 14	Parova Steam Bakery	Grand Rapids	Baked goods	2	1	3	.....
Jan. 1	Pastoor Bros	Grand Rapids	Meats	2	.....	2	.....
April 10	Patterson Printing Co	Grand Rapids	Job printing	3	.....	3	.....
Dec. 21	Peckham, A. E	Grand Rapids	Shoe repairing	2	.....	2	.....
April 27	Peckham, O. T. Co	Grand Rapids	Bicycle grips	10	.....	10	1
June 20	Pere Marquette Railroad Co	Grand Rapids	Car repairing	247	.....	247	.....
June 20	Pere Marquette Railroad Co	Grand Rapids	Engine repairing	614	2	616	21
June 1	Periodical Publishing Co	Grand Rapids	Printing	9	12	21	1
April 24	Perkins & Co	Grand Rapids	Machinery	46	1	47	.....
May 11	Peterlein, C. E	Grand Rapids	Leather goods	14	6	20	.....
April 11	Peterson Brewing Co	Grand Rapids	Beer	13	.....	13	.....
April 11	Peterson Brewing Co	Grand Rapids	Beer	11	.....	11	.....
June 1	Phoenix Furniture Co	Grand Rapids	Furniture	370	5	375	19
May 14	Phoenix Plating & Mfg. Co	Grand Rapids	Plating	5	1	6	.....
May 2	Phoenix Sprinkler & Heating Co	Grand Rapids	Sprinklers, etc	81	1	82	.....
April 17	Piper, Claude G	Grand Rapids	Ice cream	8	1	9	.....
May 9	Plank Flexible Shaft Machine Co	Grand Rapids	Flexible shafts	9	1	10	2
April 23	Plett, Ernest J	Grand Rapids	Custom clothing	9	2	11	.....
April 16	Ponce De Leon Water Co	Grand Rapids	Distilled water	4	.....	4	.....
April 23	Porter, C. O. Machinery Co	Grand Rapids	Machinery	30	1	31	4
Jan. 2	Postal Telegraph-Cable Co	Grand Rapids	Telegraph service	20	3	23	6
April 24	Powell Brass Mfg. Co	Grand Rapids	Brass goods	10	1	11	1
June 14	Powell Electric Co	Grand Rapids	Electrical supplies	5	1	6	.....
April 11	Powell Ink Co	Grand Rapids	Ink	3	.....	3	.....
May 15	Powell & Tatum Co	Grand Rapids	Bookbinding	4	3	7	1
April 16	Powers & Brewer	Grand Rapids	Ice cream	2	.....	2	.....
April 26	Powers-Butler Co	Grand Rapids	Plumbing	7	.....	7	.....
May 3	Powers-Tyson Printing Co	Grand Rapids	Printing	22	5	27	1
April 26	Powers & Walker Casket Co	Grand Rapids	Caskets	19	12	31	.....
May 1	Price, Mrs. Elizabeth	Grand Rapids	Millinery	.....	4	4	.....
Jan. 8	Progrea Market	Grand Rapids	Meats	2	.....	2	.....
April 27	Proudfit Loose Leaf Co., The	Grand Rapids	Loose leaf devices	40	20	60	3
May 22	Pulte Plumbing & Heating Co	Grand Rapids	Plumbing	16	.....	16	.....
April 7	Purdy Garage	Grand Rapids	Auto repairing	2	.....	2	.....
May 12	Raab, John D. Chair Co	Grand Rapids	Furniture	186	11	197	4
April 25	Rademaker, H. & Sons	Grand Rapids	Croquet sets	17	2	19	.....
June 21	Raniville, F. Co	Grand Rapids	Electricity	5	.....	5	.....
June 21	Raniville, F. Co	Grand Rapids	Leather belting	33	4	37	1
May 2	Rapid Heater Co	Grand Rapids	Heating appliances	3	1	4	.....
June 19	Rathbone Mfg. Co	Grand Rapids	Fire places, etc	66	2	68	.....
April 12	Rauser Bros	Grand Rapids	Meats	5	1	6	.....
Sept. 13	Reader, G. B	Grand Rapids	Fish	6	.....	6	.....
April 23	Rearwin, W. D	Grand Rapids	Machinery	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
April 10	Reddeman, Miss Effie	Grand Rapids	Millinery	.....	2	2	.....
May 1	Reid Auto Co	Grand Rapids	Auto repairing	8	1	9	.....
April 11	Reinisch, H. Pipe Organ Co., The	Grand Rapids	Pipe organs	6	.....	6	.....
April 25	Rempis & Gallmeyer Foundry Co	Grand Rapids	Castings	33	.....	33	.....
April 21	Rempis Garage	Grand Rapids	Auto repairing	5	.....	5	.....
Nov. 7	Retting Furniture Co	Grand Rapids	Furniture	41	4	45	.....
April 4	Rex Machine Co	Grand Rapids	Machine repairing	3	.....	3	1
June 12	Rex-Robinson Furniture Co., The	Grand Rapids	Furniture	23	.....	23	.....
Jan. 14	Reynolds, H. M. Shingle Co	Grand Rapids	Shingles	87	2	89	.....
April 26	Rice Veneer & Lumber Co	Grand Rapids	Lumber	14	1	15	.....
April 16	Richards, Glendon A. Co	Grand Rapids	Sheet metal and roofing	35	1	36	.....
April 21	Richards Plumbing & Heating Co	Grand Rapids	Plumbing and heating	12	1	13	.....
April 21	Richards-Wilson Pipe Covering Co	Grand Rapids	Pipe covering	8	1	9	.....
May 14	Richmond, Louis	Grand Rapids	Rubber stamps	2	1	3	.....
June 22	Riekse Auto Co	Grand Rapids	Auto repairing	4	1	5	.....
Nov. 8	Rindge, Kalmbach, Logie Co	Grand Rapids	Shoes	65	32	97	1
April 25	Rhodes Mfg. Co	Grand Rapids	Furnaces	7	1	8	1
Dec. 31	Robin, Sam Auto Parts Co	Grand Rapids	Auto parts	3	.....	3	.....
June 4	Rodenhouse, N. L	Grand Rapids	Book binding	2	2	4	.....
June 11	Roden Leather Co	Grand Rapids	Leather	112	4	116	.....
May 12	Roseberry-Henry Electric Co	Grand Rapids	Electrical supplies	16	2	18	.....
May 4	Rosendall Bros	Grand Rapids	Flour and feed	4	.....	4	.....
April 17	Rose Patch & Label Co., The	Grand Rapids	Labels	2	3	5	.....
April 21	Rowlson Printing Co	Grand Rapids	Printing	3	.....	3	.....
May 10	Royal Furniture Co	Grand Rapids	Furniture	190	4	194	.....
April 11	Rudell Creamery	Grand Rapids	Dairy products	2	1	3	.....
May 9	Runyen's Mfg. Co	Grand Rapids	Grease cabinets	5	1	6	.....
Jan. 24	Russo, G. B	Grand Rapids	Macaroni	3	1	4	.....
Jan. 1	Ryan, Claude M	Grand Rapids	Meats	1	1	2	.....
Sept. 13	Samson Trailer Corporation	Grand Rapids	Trailers	7	.....	7	.....
May 5	Sanitary Knitting Co	Grand Rapids	Underwear	5	48	53	.....
May 17	Sanitary Milk Co	Grand Rapids	Dairy products	35	4	39	.....
May 5	Scheufler, Chas	Grand Rapids	Cigars	2	1	3	.....
May 21	Scheufler, C. A	Grand Rapids	Plumbing	3	.....	3	.....
Dec. 28	Schippers & Co	Grand Rapids	Custom clothing	2	1	3	.....
April 13	Schlitz, Jos. Brewing Co	Grand Rapids	Beer	4	.....	4	.....
April 16	Schmidt, Matthew	Grand Rapids	Monuments	11	.....	11	.....
May 2	Schneider, H. & Co	Grand Rapids	Cigars	14	4	18	.....
April 26	Schornstein, R. M	Grand Rapids	Lumber	6	.....	6	.....
Oct. 19	Schuchardt, A. L	Grand Rapids	Meats	2	.....	2	.....
April 10	Schuiling, M. & J. Co	Grand Rapids	Tinware	2	1	3	.....
April 25	Schuiling & Son	Grand Rapids	Custom clothing	2	2	4	.....
May 4	Schuil Printing Co	Grand Rapids	Printing	14	4	18	1
Dec. 6	Schulze Baking Co	Grand Rapids	Baked goods	29	2	31	2
April 3	Schwoebel, Mrs. N	Grand Rapids	Baked goods	2	3	5	.....
April 24	Schofield, Geo. E	Grand Rapids	Carriage trimming	2	.....	2	.....
May 17	Security Storage & Transfer Co	Grand Rapids	Storage	15	.....	15	.....
June 14	Semeyn, L. H	Grand Rapids	Plumbing	3	.....	3	1
May 2	Seymour & Muir Printing Co	Grand Rapids	Job printing	18	11	29	3
April 4	Shaw, Mrs. H	Grand Rapids	Millinery	.....	4	4	.....
May 4	Shipman Coal Co	Grand Rapids	Fuel	7	1	8	.....
May 5	Siegel, Robert	Grand Rapids	Brass	2	.....	2	.....
May 12	Simon, S. & Son	Grand Rapids	Junk	10	2	12	.....
April 2	Simpson Granite Works	Grand Rapids	Monuments	3	.....	3	1
April 9	Skillman Lumber Co	Grand Rapids	Lumber	7	3	10	.....
June 12	Sligh Furniture Co	Grand Rapids	Furniture	581	9	590	26
April 4	Slooter Bros	Grand Rapids	Brooms	3	.....	3	.....
April 16	Smith, Bert S	Grand Rapids	Baked goods	3	2	5	.....
April 18	Smith Bros. Iron & Metal Co	Grand Rapids	Junk	10	5	15	.....
May 4	Smith, E. M. Iron & Metal Co	Grand Rapids	Junk	5	5	10	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
July 13	Smith Engraving Co	Grand Rapids	Engraving	4	4	8	.....
May 1	Smith, Geo. S	Grand Rapids	Wood working	14	.....	14	.....
Dec. 21	Smith & Schoonfield	Grand Rapids	Meats	4	.....	4	.....
May 15	Smith, Truman M. Co., The	Grand Rapids	Machinery	16	1	17	.....
May 8	Snyder Furniture Co	Grand Rapids	Furniture	72	1	73	1
April 28	Sokup, F. J	Grand Rapids	Sheet metal	9	1	10	.....
April 2	Sonneveldt Baking Co	Grand Rapids	Baked goods	7	2	9	.....
May 14	Sparta Mfg. Co	Grand Rapids	Machinery	12	.....	12	1
April 19	Spears, C. A. & Son	Grand Rapids	Lumber & interior finish	29	2	31	.....
April 4	Special Furniture Co	Grand Rapids	Furniture	36	1	37	.....
May 3	Spencer, M. E	Grand Rapids	Tailoring	2	.....	2	.....
Jan. 1	Spielmaker, A. J	Grand Rapids	Blacksmithing	2	.....	2	.....
April 11	Sproul-McGurrin Co	Grand Rapids	Plumbing	5	1	6	.....
April 3	Stadt's, Evert Hardware Co	Grand Rapids	Hardware	4	1	5	.....
June 4	Stalter Edge Tool Co	Grand Rapids	Edge tools	6	.....	6	.....
April 12	Standard Auto Co	Grand Rapids	Auto repairing	7	.....	7	.....
April 11	Standard Brass Foundry Co	Grand Rapids	Brass castings	3	.....	3	.....
Dec. 18	Standard Builders' Supply Co	Grand Rapids	Builders' supplies	9	1	10	.....
Sept. 29	Standard Oil Co	Grand Rapids	Oils	36	.....	36	.....
Sept. 29	Standard Oil Co	Grand Rapids	Oils	89	15	104	.....
April 6	Stanley, Marietta Co	Grand Rapids	Toilet articles	9	24	33	.....
April 25	Stanley Foundry Co	Grand Rapids	Brass castings	4	.....	4	.....
May 3	Stanton Printing Co	Grand Rapids	Printing	8	.....	8	1
April 13	Steel Furniture Co	Grand Rapids	Steel furniture	30	4	34	1
April 30	Steil, A	Grand Rapids	Wood turning	6	.....	6	.....
April 11	Stein, Albert	Grand Rapids	Meats	3	.....	3	.....
April 14	Steinbach, H. M	Grand Rapids	Repairing	2	.....	2	.....
April 2	Sterken, M. L	Grand Rapids	Cigars	2	.....	2	.....
April 6	Sterling Desk Co	Grand Rapids	Desks	26	.....	26	.....
Nov. 17	Stickley Bros. Co	Grand Rapids	Furniture	211	17	228	12
April 26	Stiles Bros. Co	Grand Rapids	Lumber	6	.....	6	.....
Dec. 22	Storage Garage, The	Grand Rapids	Auto repairing	3	1	4	.....
May 16	Stout Cigar Co	Grand Rapids	Cigars	2	1	3	.....
June 12	Stow & Davis	Grand Rapids	Furniture	51	5	56	.....
June 12	Superior Laboratory Co	Grand Rapids	Comp. stove oil	1	3	4	.....
May 1	Swan, J. A	Grand Rapids	Shoe repairing	2	.....	2	.....
April 14	Swart, S. A	Grand Rapids	Plumbing	3	.....	3	1
Dec. 27	Swier, Walter	Grand Rapids	Shoe repairing	2	2	4	.....
April 24	Swiss-American Knitting Mills	Grand Rapids	Knit goods	8	109	117	.....
Sept. 12	Tamboer, P. & Son	Grand Rapids	Meats	2	.....	2	.....
April 26	Tennewits Works, The	Grand Rapids	Machinery	24	1	25	2
May 2	Taylor Printing & Publishing Co	Grand Rapids	Printing, etc	7	.....	7	1
April 17	Taselaar, Jos	Grand Rapids	Fuel	5	1	6	.....
April 17	Taselaar, Jos. Glove Manufactory	Grand Rapids	Gloves	3	12	15	.....
Dec. 27	Ten Hopen, J. H	Grand Rapids	Sheet metal	2	.....	2	.....
June 22	Terrell's Equipment Co	Grand Rapids	Steel lockers	67	3	70	.....
April 25	Thiele, Max P. & Co	Grand Rapids	Photography	3	.....	3	.....
May 10	Thomas Canning Co	Grand Rapids	Canned goods	139	176	315	.....
April 7	Thomasma Bros	Grand Rapids	Meats	11	1	12	.....
Oct. 20	Thompson, Geo	Grand Rapids	Plumbing	3	1	4	.....
April 23	Thompson, Geo	Grand Rapids	Plumbing	5	.....	5	.....
June 8	Thum Co., O. & W., The	Grand Rapids	Fly paper	135	129	264	.....
June 15	Timmer, Bert F	Grand Rapids	Repairing	5	.....	5	.....
May 3	Timmer's Garage	Grand Rapids	Auto repairing	3	.....	3	1
May 17	Timmer's Ice Cream Co	Grand Rapids	Ice cream	5	.....	5	.....
May 5	Tisch-Hine Co., The	Grand Rapids	Job printing	30	5	35	5
May 21	Toledo Plate & Window Glass Co., The	Grand Rapids	Plate glass	18	2	20	.....
May 9	Toren, H. A. Printing Co	Grand Rapids	Job printing	13	2	15	1
Dec. 27	Tornga Bros	Grand Rapids	Meats	3	.....	3	.....
May 16	Tradesman Co., The	Grand Rapids	Printed matter	22	6	28	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
April 13	Tucker Bindery	Grand Rapids	Book binding	1	3	4	.....
May 1	Turrell & Co	Grand Rapids	Millinery	.....	2	2	.....
Dec. 20	Twentieth Century Market, The	Grand Rapids	Meats	4	.....	4	.....
April 18	Tyler, J. S	Grand Rapids	Fuel	2	.....	2	.....
Oct. 18	U. & I. Beef & Provision Co	Grand Rapids	Meats	2	.....	2	.....
April 6	United Motors Co	Grand Rapids	Auto trucks	91	6	97	.....
Oct. 1	United States Gypsum Co	Grand Rapids	Plaster board	17	.....	17	.....
Sept. 29	United States Gypsum Co	Grand Rapids	Plaster	55	.....	55	.....
April 16	United States Laundry	Grand Rapids	Laundry	10	33	43	1
May 22	Universal Car & Service Co	Grand Rapids	Auto sales and repairing	19	1	20	.....
June 14	Unseld & Stumpfig	Grand Rapids	Linotype	4	.....	4	.....
May 31	Up-to-Date Vulcanizing Co	Grand Rapids	Vulcanizing	2	.....	2	.....
April 7	Valley City Bakery	Grand Rapids	Baked goods	6	1	7	.....
June 4	Valley City Desk Co	Grand Rapids	Desks	134	2	136	1
May 19	Valley City Ice & Coal Co., The	Grand Rapids	Fuel	11	1	12	.....
May 16	Valley City Machine Works	Grand Rapids	Machinery	90	1	91	2
Dec. 24	Valley City Milling Co	Grand Rapids	Flour and feed	68	7	75	.....
June 13	Valley City Motor Car Co	Grand Rapids	Auto sales and repairing	10	3	13	.....
May 9	Valley City Plating Co	Grand Rapids	Plating	10	.....	10	.....
May 12	Valley City Vacuum Carpet Cleaning Co	Grand Rapids	Carpet cleaning	3	.....	3	.....
May 23	Van Alstyn, A. T. Co	Grand Rapids	Notion specialties	3	7	10	.....
June 2	VandenBerge Cigar Co	Grand Rapids	Cigars	8	14	22	1
April 3	VanDerMeer, J. J	Grand Rapids	Plumbing	5	.....	5	.....
April 27	Vanderveer, Wm. H	Grand Rapids	Plumbing	3	1	4	.....
Dec. 18	VanDriele & Co	Grand Rapids	Flour and feed	2	.....	2	.....
May 25	VanDriele & Co	Grand Rapids	Flour and feed	7	.....	7	.....
April 6	VanDuren, J. & Co	Grand Rapids	Brooms	6	2	8	.....
Dec. 7	VanHouten, Wm	Grand Rapids	Meats	2	.....	2	.....
May 7	VanRossum Plumbing Co	Grand Rapids	Plumbing	4	.....	4	.....
April 17	VanVliet Bros. & Veit	Grand Rapids	Tailoring	3	1	4	.....
May 14	VanWiltenburg, J. & Son	Grand Rapids	Interior finish	21	1	22	.....
April 2	Veenstra, M. & Sons	Grand Rapids	Decorating	9	2	11	.....
May 2	Veltman Biscuit Co	Grand Rapids	Baked goods	2	1	3	.....
April 2	Verhey-Noorthoek Lumber Co	Grand Rapids	Lumber	17	.....	17	.....
April 13	VerWys & Co	Grand Rapids	Auto parts	8	.....	8	.....
April 25	Vincent, L. H	Grand Rapids	Mattresses	1	1	2	.....
April 26	Vinkemulder Co	Grand Rapids	Fruits	21	2	23	.....
May 21	Vis Mfg. Co	Grand Rapids	Machinery	3	.....	3	.....
Nov. 7	Voigt Milling Co	Grand Rapids	Flour	26	5	31	.....
Nov. 7	Voigt Milling Co	Grand Rapids	Flour	18	.....	18	.....
June 11	Waddell Mfg. Co	Grand Rapids	Carvings	115	.....	115	22
June 19	Wagemaker Co., The	Grand Rapids	Filing cabinets	50	12	62	.....
April 3	Wegener Bros	Grand Rapids	Meats	4	1	5	1
June 19	Wallace Furniture Co., The	Grand Rapids	Furniture	87	2	89	1
May 24	Wallin Leather Co	Grand Rapids	Leather	65	.....	65	1
May 23	Wallin Leather Co	Grand Rapids	Leather	124	3	127	6
May 23	Wallin Leather Co	Grand Rapids	Leather	60	.....	60	2
Oct. 19	Watkins, Arthur	Grand Rapids	Meats	2	.....	2	.....
Dec. 20	Watalawik, Joseph	Grand Rapids	Tailoring	5	.....	5	.....
April 16	Watson-Higgins Milling Co	Grand Rapids	Flour and feed	16	2	18	.....
Dec. 27	Weatherly, C. S	Grand Rapids	Furnaces	6	.....	6	1
May 2	Weatherly Co., The	Grand Rapids	Furnaces	15	2	17	.....
Dec. 21	Weaver, Chancy L	Grand Rapids	Meats	2	.....	2	.....
April 17	Weiner Cap Co., The	Grand Rapids	Caps	4	7	11	.....
April 4	Welmers, Dykman Fuel Co., The	Grand Rapids	Fuel	9	1	10	.....
April 7	Werner Biscuit Machine Co	Grand Rapids	Machinery	2	.....	2	.....
April 12	Western Michigan Paige Co	Grand Rapids	Auto sales	10	1	11	.....
May 29	Western Michigan Transfer & Storage Co	Grand Rapids	Farm implements	4	.....	4	.....
Jan. 5	Western Union Telegraph Co	Grand Rapids	Telegraph service	66	39	105	22
June 13	West Michigan Machine & Tool Co., Ltd	Grand Rapids	Machinery	13	.....	13	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
April 13	West Michigan Motor Co	Grand Rapids	Auto repairing	6	2	8	.....
April 14	West Michigan Printing Co	Grand Rapids	Job printing	8	.....	8	.....
June 11	West Side Cut Stone Co	Grand Rapids	Cut stone	3	.....	3	.....
April 21	West Side Iron Works	Grand Rapids	Machinery	9	1	10	.....
April 7	West Side Sheet Metal Works	Grand Rapids	Sheet metal	5	.....	5	.....
May 14	Wet Wash Laundry Co	Grand Rapids	Laundry	4	.....	4	.....
May 21	White Printing Co	Grand Rapids	Job printing	28	2	30	3
April 20	Widdicomb Furniture Co	Grand Rapids	Furniture	310	5	315	9
April 18	Widdicomb, John Co	Grand Rapids	Furniture	215	3	218	2
Oct. 18	Williams, M	Grand Rapids	Meats	3	1	4	.....
June 8	Williams Optical Co	Grand Rapids	Optical supplies	6	1	7	.....
May 17	Wilmarth & Morman Co	Grand Rapids	Grinding machinery	159	7	166	1
May 11	Wilmarth Show Case Co	Grand Rapids	Store furniture	245	8	253	2
May 9	Winchester Printing Co	Grand Rapids	Job printing	3	2	5	.....
April 28	Windsor Upholstering Co	Grand Rapids	Upholstered furniture	12	3	15	.....
May 8	Winters & Stryker	Grand Rapids	Machinery	25	6	31	.....
Dec. 19	Wolski, C	Grand Rapids	Meats	2	.....	2	.....
Nov. 9	Wolverine Brass Works	Grand Rapids	Plumbing specialties	298	36	334	10
April 25	Wolverine Pattern & Model Works	Grand Rapids	Patterns	12	.....	12	1
April 25	Wolverine Spice Co	Grand Rapids	Spices	6	2	8	.....
May 8	Wonnink, E. Wood Turning Co., The	Grand Rapids	Wood turning	8	.....	8	.....
April 12	Wood, E. A. Cigar Co	Grand Rapids	Cigars	12	2	14	.....
Dec. 31	Woodka Bros	Grand Rapids	Meats	5	1	6	.....
April 27	Wright Machine Co	Grand Rapids	Machinery	4	1	5	.....
May 8	Wykes & Co	Grand Rapids	Mill products	5	1	6	.....
Dec. 6	Wykes-Schroeder Co	Grand Rapids	Fuel & building material	7	1	8	.....
Sept. 26	Buskirk, W. H	Grandville	Baked goods	1	1	2	.....
Sept. 19	Caldwell, R. A	Grandville	Meats	3	1	4	.....
Sept. 26	Citizens Telephone Co	Grandville	Telephone service	1	3	4	.....
Sept. 19	Grand Rapids Plaster Co	Grandville	Plaster	26	.....	26	.....
Sept. 19	Grandville Elevator Co	Grandville	Grain and produce	4	.....	4	.....
Sept. 19	Grandville Hardware	Grandville	Hardware and plumbing	4	.....	4	.....
Sept. 26	Grandville Star	Grandville	Printed matter	2	1	3	.....
Sept. 19	Hammond Auto Co	Grandville	Auto repairing	4	1	5	.....
Sept. 19	Michigan State Telephone Co	Grandville	Telephone service	1	6	7	.....
Sept. 26	Spears, C. A. & Son	Grandville	Lumber and coal	4	.....	4	.....
Sept. 19	Suburban Fuel & Ice Co	Grandville	Coal and ice	2	1	3	.....
Oct. 11	Anderson, Peter & Son	Kent City	Blacksmithing	2	.....	2	.....
Oct. 11	Barrett, Geo. W	Kent City	Auto repairing	5	1	6	.....
Oct. 11	Brott, A. H. Lumber Co	Kent City	Building material	4	1	5	.....
Oct. 11	Johnson, Mrs. Tina	Kent City	Millinery	.....	2	2	.....
Oct. 11	Kent City Cheese Co	Kent City	Cheese	2	1	3	.....
Oct. 11	Kent City Ice Co	Kent City	Ice	2	.....	2	.....
Oct. 11	Kent City Journal, The	Kent City	Printed matter	1	.....	1	.....
Oct. 11	Kent City Produce Co	Kent City	Grain, beans, etc	3	1	4	.....
Oct. 11	Kent City Roller Mills	Kent City	Grain, feed and coal	2	.....	2	.....
Oct. 11	McKelvey, Geo	Kent City	Barrels	1	.....	1	.....
Oct. 11	Michigan State Telephone Co	Kent City	Telephone service	1	2	3	.....
Oct. 11	Nelson, Arthur	Kent City	Blacksmithing	1	.....	1	.....
Oct. 11	Roach, W. R. & Co	Kent City	Canned goods	199	32	231	20
Oct. 11	Soles, F. E	Kent City	Meats	2	.....	2	.....
Oct. 11	Wells, E	Kent City	Meats	1	1	2	.....
Sept. 5	Andrews, Mrs. M	Lowell	Millinery	.....	2	2	.....
Sept. 6	Andrews & Son	Lowell	Vulcanizing	2	.....	2	.....
Sept. 6	Billinger Machine Shop	Lowell	Machine repairing	1	.....	1	.....
Aug. 6	Bradish, C. J	Lowell	Harness	2	.....	2	.....
Sept. 7	Citizens Telephone Co	Lowell	Telephone service	2	4	6	.....
Sept. 5	Crosby Corset Co	Lowell	Corsets	1	9	10	.....
Sept. 4	Fallas, Edwin Canning Co	Lowell	Mince meat	12	16	28	.....
Sept. 6	Gould, F. A	Lowell	Auto repairing	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
Sept. 6	Gregory, Rufus	Lowell	Meats	2	.....	2	.....
Sept. 5	Hamilton, Joseph H. Estate	Lowell	Monuments	4	.....	4	.....
Sept. 4	Heins, H. J. Co.	Lowell	Pickles	3	.....	3	.....
Sept. 5	Hunter, Earl	Lowell	Coal and wood	3	1	4	.....
Sept. 7	King Milling Co.	Lowell	Flour, feed and beans	12	.....	12	.....
Sept. 6	Klumpp & White	Lowell	Meats	2	.....	2	.....
Sept. 5	Lewis, Carl G.	Lowell	Blacksmithing	1	.....	1	.....
Sept. 5	Lowell Cutter Co.	Lowell	Woodwork	87	1	88	.....
Sept. 5	Lowell Journal, The	Lowell	Printed matter	1	1	2	.....
Sept. 6	Lowell Ledger, The	Lowell	Printed matter	2	3	5	.....
Sept. 4	Lowell Specialty Co.	Lowell	Air sprayers	43	2	45	.....
Sept. 7	Lux Garage	Lowell	Auto repairing	4	.....	4	.....
Sept. 4	Michigan Bent Rim & Basket Mfg. Co., The	Lowell	Binding	21	.....	21	.....
Sept. 6	Overland Service Station	Lowell	Auto repairing	2	.....	2	.....
Sept. 6	Roth, John F.	Lowell	Blacksmithing	2	.....	2	.....
Sept. 6	Rouse, Geo. J.	Lowell	Blacksmithing	2	.....	2	.....
Sept. 4	Runciman, C. H.	Lowell	Grain and beans	3	21	24	.....
Sept. 5	Simon, D. S.	Lowell	Custom clothing	1	.....	1	.....
Sept. 6	Smith, B. C.	Lowell	Custom clothing	1	1	2	.....
Sept. 5	Staal, Claude	Lowell	Meats	2	.....	2	.....
Sept. 6	Standard Oil Co.	Lowell	Oils	2	.....	2	.....
Sept. 6	Stewart's Bakery	Lowell	Baked goods	4	2	6	1
Sept. 5	Stone, Will C.	Lowell	Dry cleaning	1	.....	1	.....
Sept. 5	Storey, E. V.	Lowell	Auto repairing	2	.....	2	.....
Sept. 6	Strong, H.	Lowell	Baked goods	2	1	3	.....
Sept. 6	Sugar Bowl, The	Lowell	Ice cream	3	1	4	.....
Sept. 6	Williamson & French	Lowell	Blacksmithing	2	.....	2	.....
Sept. 4	Winegar Mfg. Co., The	Lowell	Wood specialties	9	.....	9	.....
Nov. 5	Brown & Frost	Moseley	Grain, beans, etc.	5	1	6	.....
Nov. 5	Pickens, Harley	Moseley	Blacksmithing	2	.....	2	.....
Nov. 5	Moseley Bros.	Moseley	Potatoes and grain	1	.....	1	.....
Oct. 9	Bellows, Dennis	Rockford	Grain, beans, etc.	3	10	13	.....
Oct. 10	Burch, Henry	Rockford	Interior finish	4	.....	4	.....
Oct. 9	Citizens Telephone Co.	Rockford	Telephone service	1	4	5	.....
Oct. 9	Dockeray Bros.	Rockford	Lumber, grain, etc.	6	9	15	.....
Oct. 9	Finch Bros.	Rockford	Meats	4	.....	4	.....
Oct. 10	Forman, Ed.	Rockford	Blacksmithing	2	.....	2	.....
Oct. 5	Hirth-Krause Co.	Rockford	Leather	49	.....	49	2
Oct. 9	Hirth-Krause Co.	Rockford	Shoes	90	42	132	5
Oct. 9	Hunting Co.	Rockford	Hardware, plumbing, etc.	4	1	5	.....
Oct. 5	Inman, T. D.	Rockford	Harness	1	.....	1	.....
Oct. 9	Jensen, P. K.	Rockford	Jewelry and repairing	1	1	2	.....
Oct. 9	Monarch Garage, The	Rockford	Auto repairing	3	1	4	.....
Oct. 9	Pitts, Adelie	Rockford	Millinery	.....	2	2	.....
Oct. 5	Porter, Geo. E.	Rockford	Flour and feed	3	.....	3	.....
Oct. 10	Rockford Laundry	Rockford	Laundry	2	4	6	.....
Oct. 10	Rockford Milling Co.	Rockford	Flour, feed, etc.	1	.....	1	.....
Oct. 9	Rockford Register, The	Rockford	Printed matter	1	1	2	.....
Oct. 10	Rouge River Light & Power Co.	Rockford	Light and power	3	.....	3	.....
Oct. 9	Salsman, Wm. F.	Rockford	Tailoring	1	.....	1	.....
Oct. 5	Shank, G. T.	Rockford	Auto repairing	4	1	5	.....
Oct. 9	Squires & Co.	Rockford	Produce	6	35	41	.....
Oct. 9	Standard Garage	Rockford	Auto repairing	2	.....	2	.....
Oct. 5	Thomas & Peterson	Rockford	Meats	4	.....	4	.....
Oct. 9	"Ye Wayside Inn"	Rockford	Baked goods	2	.....	2	.....
Oct. 2	Blake, Lucius & Co.	Sand Lake	Watch repairing	1	.....	1	.....
Oct. 2	Citizens Telephone Co.	Sand Lake	Telephone service	1	2	3	.....
Oct. 2	Goul & Son	Sand Lake	Grain and beans	3	12	15	.....
Oct. 2	Hamblin, Mrs. E. W.	Sand Lake	Millinery	.....	2	2	.....
Oct. 2	Kinney, T. J.	Sand Lake	Auto repairing	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	KENT CO.—*Con.*						
Oct. 2	Ledger, V. P. & Co.	Sand Lake	Meats	3	.....	3	.....
Oct. 2	McCutcheon, Gilbert	Sand Lake	Lumber and coal	2	.....	2	.....
Oct. 2	Marlington, Frank	Sand Lake	Blacksmithing	2	.....	2	.....
Oct. 2	Sand Lake Creamery, The	Sand Lake	Dairy products	3	.....	3	.....
Oct. 2	Sand Lake Herald, The	Sand Lake	Printed matter	1	2	3	.....
Oct. 2	Thomson, E. V.	Sand Lake	Tinning	2	.....	2	.....
Oct. 2	Tuttle, A. D.	Sand Lake	Auto repairing	1	.....	1	.....
Oct. 2	Tuttle, Chas. W.	Sand Lake	Blacksmithing	1	.....	1	.....
Oct. 23	Amidon Bros.	Sparta	Beans	3	8	11	.....
Oct. 24	Averill, E. M.	Sparta	Lumber	5	.....	5	.....
Oct. 24	Baldwin Mfg. Co., Inc., The	Sparta	Farm implements	42	1	43	1
Oct. 23	Brace, J. H. Co.	Sparta	Coal and ice	4	.....	4	.....
Oct. 23	Haas, M. & Co.	Sparta	Meats	3	.....	3	.....
Oct. 24	Klep Foundry & Mfg. Co.	Sparta	Castings	10	1	11	.....
Oct. 23	Laughray Silo Co., No. 3, Inc.	Sparta	Silos	7	.....	7	.....
Oct. 24	Michigan State Telephone Co.	Sparta	Telephone service	1	5	6	.....
Oct. 23	Nelson, Miss Neva	Sparta	Millinery	.....	2	2	.....
Oct. 24	Sentinel-Leader Publishing Co.	Sparta	Printing	1	2	3	.....
Oct. 23	Sparta Condensed Milk Co.	Sparta	Condensed milk	16	3	19	.....
Oct. 23	Sparta Garage	Sparta	Auto repairing	4	1	5	.....
Oct. 23	Sparta Home Bakery	Sparta	Baked goods	1	2	3	.....
Oct. 23	Sparta Lumber Co.	Sparta	Lumber	2	.....	2	.....
Oct. 24	Sparta Tile & Brick Co.	Sparta	Tile and brick	27	.....	27	.....
Oct. 23	Welch Mfg. Co.	Sparta	Store fixtures	137	1	138	3
Oct. 24	Whalen Grain & Produce Co.	Sparta	Grain and coal	3	.....	3	.....
	KEWEENAW COUNTY.						
Nov. 14	Ahmeek Meat Market	Ahmeek	Meats	2	.....	2	.....
Oct. 10	Ahmeek Mining Co.	Ahmeek	Copper	1,024	.....	1,024	7
Nov. 14	Chopp Bros.	Ahmeek	Meats	5	1	6	.....
Nov. 14	Kestner, Joseph G.	Ahmeek	Meats	2	.....	2	.....
Nov. 14	Keweenaw Bottling & Ice Cream Factory	Ahmeek	Soft drinks & ice cream	1	1	2	.....
Nov. 14	Morgan & Grierson	Ahmeek	Meats	1	.....	1	.....
Nov. 14	Vranesh, Stanley	Ahmeek	Tailoring	1	.....	1	.....
Oct. 13	Allouez Mining Co.	Allouez	Copper	420	.....	420	.....
Nov. 14	Foley Bros. & Co.	Mohawk	Meats	9	.....	9	.....
Nov. 14	Jewell, Bert	Mohawk	Blacksmithing	2	.....	2	.....
Nov. 14	Mohawk Mining Co.	Mohawk	Copper	651	.....	651	7
	LAKE COUNTY.						
May 16	Carpenter, L. C.	Baldwin	Lumber	1	.....	1	.....
May 16	Duffing, Geo. F.	Baldwin	Lumber, etc.	3	.....	3	.....
May 16	Kennedy's Garage	Baldwin	Auto repairing	3	.....	3	.....
May 16	Lake County Star	Baldwin	Printing	1	.....	1	.....
May 16	Pere Marquette R. R. Co.	Baldwin	Power	2	.....	2	.....
May 18	Chubbuck & Son	Luther	Machine repairing	2	.....	2	.....
May 18	Johnson, Geo. H.	Luther	Woodworking	1	.....	1	.....
May 18	Luther Observer, The	Luther	Printing	2	1	3	.....
May 18	Luther Creamery	Luther	Dairy products	3	.....	3	.....
May 18	Marsh, Phelix	Luther	Harness	1	.....	1	.....
May 18	Swanson Garage Co.	Luther	Auto repairing	3	.....	3	.....
	LAPEER COUNTY.						
Dec. 9	Almont Creamery Co., The	Almont	Dairy products	2	.....	2	.....
Dec. 19	Almont Feed & Cider Mill	Almont	Feed	2	.....	2	.....
Dec. 19	Almont Garage, The	Almont	Auto repairing	3	.....	3	.....
Dec. 19	Almont Herald, The	Almont	Printed matter	1	2	3	.....
Dec. 19	Almont Mfg. Co., The	Almont	Castings	5	.....	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	LAPEER CO.—*Con.*						
Dec. 19	Almont Roller Mills	Almont	Flour	2	.....	2	.....
Dec. 19	Almont Table Supply Co	Almont	Meats	3	1	4	.....
Dec. 19	Bishop, Frank & Son	Almont	Produce	4	1	5	.....
Dec. 19	Ford Service Garage	Almont	Auto repairing	2	.....	2	.....
Dec. 17	Reliable Garage, The	Almont	Auto repairing	2	.....	2	.....
Dec. 19	Ring, F. W	Almont	Farm produce	2	12	14	.....
Dec. 19	Thomas, R. F	Almont	Meats	2	.....	2	.....
Dec. 5	Clifford Elevator Co	Clifford	Grain and beans	2	.....	2	.....
Dec. 5	East Side Creamery Co	Clifford	Dairy products	2	.....	2	.....
Dec. 5	Electric Light Works	Clifford	Light	1	.....	1	.....
Dec. 5	Kelly, J. A. & Son	Clifford	Hay and beans	1	1	2	.....
Dec. 5	Kirby, W. S	Clifford	Blacksmithing	2	.....	2	.....
Dec. 13	Columbiaville Cooperative Dairy Co	Columbiaville	Dairy products	2	.....	2	.....
Dec. 13	Columbiaville Home News	Columbiaville	Printing	1	1	2	.....
Dec. 13	Columbiaville Woolen Co	Columbiaville	Woolens	119	27	146	3
Dec. 13	Jossman, Allen & Co., Ltd	Columbiaville	Grain and produce	3	.....	3	.....
Dec. 13	Osborne, R. C	Columbiaville	Auto repairing	4	.....	4	.....
Dec. 13	Peter, Wm. Estate	Columbiaville	Grain and produce	5	1	6	.....
Dec. 19	Harrison, Fred	Dryden	Blacksmithing	2	.....	2	.....
Dec. 19	Holbrook, M. D	Dryden	Grain, etc	3	26	29	.....
Dec. 20	Gillett, H. C	Hadley	Flour	2	.....	2	.....
Dec. 20	Hadley District Dairy Association	Hadley	Dairy products	2	.....	2	.....
Dec. 7	Central Meat Market	Imlay City	Meats	2	.....	2	.....
Dec. 7	Collin's Bakery	Imlay City	Baked goods	4	1	5	.....
Dec. 7	Detroit Edison Co., The	Imlay City	Electricity	1	1	2	.....
Dec. 7	Haskin, M. J	Imlay City	Tailoring	1	2	3	.....
Dec. 7	Imlay City Creamery, The	Imlay City	Dairy products	2	.....	2	.....
Dec. 7	Imlay City Times, The	Imlay City	Printing	2	2	4	.....
Dec. 7	Imlay City Foundry Co	Imlay City	Castings	2	.....	2	.....
Dec. 7	Imlay City Garage	Imlay City	Auto repairing	2	.....	2	.....
Dec. 7	Imlay City Roller Mills	Imlay City	Flour	10	1	11	.....
Dec. 7	Imlay City Water Works	Imlay City	Water	1	.....	1	.....
Dec. 7	Kennedy, Mrs. J	Imlay City	Millinery	.....	4	4	.....
Dec. 7	Michaels, Edward	Imlay City	Lumber	2	.....	2	.....
Dec. 7	Merrill Mfg. Co., The	Imlay City	Castings	12	.....	12	.....
Dec. 7	Somerville, Miss L	Imlay City	Millinery	.....	3	3	.....
Dec. 7	Towar Wayne County Creamery	Imlay City	Dairy products	3	.....	3	.....
Dec. 7	Walker, Walter & Co	Imlay City	Produce	5	.....	5	.....
Dec. 7	Worthy, John H	Imlay City	Meats	3	.....	3	.....
Dec. 11	Bostick Stove Co., The	Lapeer	Stoves and ranges	45	1	46	1
Dec. 12	Butts, Dwight F	Lapeer	Baked goods	3	.....	3	.....
Dec. 14	Cutting, F. R. Lumber Co	Lapeer	Lumber	4	.....	4	.....
Dec. 12	Dent, J. C	Lapeer	Meats	3	1	4	.....
Dec. 12	Deverell, Geo. J	Lapeer	Shoe repairing	2	.....	2	.....
Dec. 11	England, C	Lapeer	Harness	4	.....	4	.....
Dec. 12	Haug's, Thomas Market	Lapeer	Meats	1	.....	1	.....
Dec. 12	Hungerford, R. A	Lapeer	Carriages	2	.....	2	.....
Dec. 12	Kruth, H. C. & Son	Lapeer	Baked goods	4	.....	4	.....
Dec. 11	Lapeer City Garage	Lapeer	Auto repairing	3	.....	3	.....
Dec. 11	Lapeer County Clarion	Lapeer	Printing	5	1	6	1
Dec. 11	Lapeer County Press	Lapeer	Printing	7	1	8	.....
Dec. 12	Lapeer County Creamery	Lapeer	Dairy products	4	1	5	.....
Dec. 11	Lapeer Gas-Electric Co	Lapeer	Light	6	.....	6	.....
Dec. 11	Lapeer Grain Co	Lapeer	Grains	4	3	7	.....
Dec. 11	Lapeer Marble & Granite Works	Lapeer	Monuments	3	.....	3	.....
Dec. 12	Lapeer Mercantile Co	Lapeer	Produce	2	.....	2	.....
Dec. 11	Lapeer Steam Laundry	Lapeer	Laundry	4	5	9	1
Dec. 11	Lapeer Water Works	Lapeer	Water	5	.....	5	.....
Dec. 12	McDonald, William Sons	Lapeer	Machine repairing	4	.....	4	.....
Dec. 12	Merson, C. R	Lapeer	Blacksmithing	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	LAPEER CO.—*Con.*						
Dec. 11	Michigan State Telephone Co	Lapeer	Telephone service	3	21	24	.....
Dec. 11	Middleditch, B. F	Lapeer	Plumbing	3	.....	3	.....
Dec. 12	Parker, Mrs. Ida Riley	Lapeer	Millinery	.....	4	4	.....
Dec. 11	Powell, A. E	Lapeer	Dredges	6	.....	6	.....
Dec. 14	Sullivan & Gillett	Lapeer	Auto repairing	4	.....	4	.....
Dec. 12	Tucker & Bolton	Lapeer	Farm implements	5	1	6	.....
Dec. 11	Turnbull Elevator Co	Lapeer	Grain	4	4	8	.....
Dec. 11	Turnbull, R. & Son	Lapeer	Flour	3	.....	3	.....
Dec. 11	Wolverine Garage Co	Lapeer	Auto repairing	3	.....	3	.....
Dec. 18	Harsen, Frank	Lum	Blacksmithing	2	.....	2	.....
Dec. 18	Lum Elevator Co	Lum	Grain, etc	2	.....	2	.....
Dec. 14	Gleason, Don	Metamora	Meats	3	.....	3	.....
Dec. 6	Booth, Elmer E	North Branch	Lumber	2	.....	2	.....
Dec. 6	Central Meat Market, The	North Branch	Meats	2	.....	2	.....
Dec. 6	Gazette, The	North Branch	Printing	4	.....	4	.....
Dec. 6	Harper Elevator Co	North Branch	Grain	3	.....	3	.....
Dec. 6	Newbegin, W. E	North Branch	Meats	2	.....	2	.....
Dec. 6	North Branch Electric Co	North Branch	Light	2	.....	2	.....
Dec. 6	North Branch Grain Co., The	North Branch	Grain and produce	3	1	4	.....
Dec. 6	North Branch Telephone Co	North Branch	Telephone service	3	6	9	.....
Dec. 6	People's Creamery	North Branch	Dairy products	4	.....	4	.....
Dec. 6	Star Roller Mills	North Branch	Flour	3	.....	3	.....
Dec. 13	Burroughs, J. P. & Son	Otter Lake	Produce	3	13	16	.....
	LEELANAU COUNTY.						
Dec. 5	Tucker, John	Cedar City	Produce	2	.....	2	.....
Nov. 1	Aylsworth, Geo. F	Empire	Lumber and feed	4	.....	4	.....
Nov. 30	Bennett, J. W	Empire	Furniture	1	1	2	.....
Nov. 30	City Garage, The	Empire	Auto repairing	2	.....	2	.....
Nov. 30	Empire Rural Telephone Co	Empire	Telephone service	.....	3	3	.....
Dec. 17	Day, D. H	Glen Haven	Lumber	26	.....	26	1
Dec. 4	Leelanau Enterprise	Leeland	Printed matter	2	.....	2	.....
Dec. 4	Leland Light & Power Co	Leeland	Light and power	3	.....	3	.....
Dec. 5	Bellinger, A. E	Maple City	Lumber	14	.....	14	.....
Oct. 5	Booth Fisheries Co	North Port	Fish	5	.....	5	.....
Oct. 5	Kehl & Nelson	North Port	Auto repairing	3	.....	3	.....
Oct. 4	North Port Leader, The	North Port	Printing	2	.....	2	.....
Oct. 5	Peck, L. R	North Port	Auto repairing	2	.....	2	.....
Oct. 5	Seelig, G. M	North Port	Meats	2	.....	2	.....
Oct. 5	Westen, K. D	North Port	Fruit packages	6	.....	6	.....
Dec. 4	Hilton & Mosier	Provemont	Lumber	19	.....	19	.....
Dec. 4	Otto, A. J	Provemont	Produce	3	.....	3	.....
Oct. 4	Chadsey, C. H	Suttons Bay	Lumber	3	.....	3	.....
Oct. 4	Donner, Fred	Suttons Bay	Harness	1	.....	1	.....
Oct. 4	Peterson, Einer	Suttons Bay	Lumber	10	.....	10	.....
Oct. 4	Ruffi Bros	Suttons Bay	Meats	2	.....	2	.....
Oct. 4	Suttons Bay Auto Co	Suttons Bay	Auto repairing	2	.....	2	.....
	LENAWEE COUNTY.						
Dec. 19	Branch, H. Edwin	Addison	Flour and feed	4	.....	4	.....
Dec. 19	Courier, The	Addison	Printed matter	2	1	3	.....
Dec. 19	Jenkins & Hoag	Addison	Lumber and coal	2	.....	2	.....
Dec. 19	Saunders, F. A. & Son	Addison	Lumber	4	.....	4	.....
Dec. 4	Acme Preserve Co	Adrian	Canned goods	19	1	20	.....
April 12	Adrian Bread Co	Adrian	Baked goods	4	.....	4	.....
May 12	Adrian Daily Telegram	Adrian	Printing	22	5	27	4
Dec. 5	Adrian Iron & Metal Co	Adrian	Iron and metal	13	1	14	.....
Dec. 5	Adrian Knitting Co., The	Adrian	Knit goods	41	152	193	3
June 12	Adrian Lumber & Supply Co	Adrian	Lumber	8	1	9	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	LENAWEE CO.—*Con.*						
Dec. 22	Adrian Steam Laundry	Adrian	Laundry	3	5	8	.....
Dec. 4	Adrian Steel Casting Co	Adrian	Castings	34	1	35	.....
Dec. 5	Adrian Water Co	Adrian	Water	13	.....	13	.....
Nov. 27	Adrian Wire Fence Co	Adrian	Wire fence	106	5	111	.....
Dec. 5	Angell's Sanitary Bakery	Adrian	Baked goods	3	2	5	.....
Dec. 22	Artificial Ice Co	Adrian	Ice	12	.....	12	.....
Nov. 27	Bond Steel Post Co	Adrian	Steel posts	36	2	38	2
Dec. 14	Bush, J. L. & Co	Adrian	Coal and wood	6	.....	6	.....
Nov. 26	Citizens Light & Power Co., The	Adrian	Light and power	25	2	27	.....
June 12	City Garage & Paint Shop, The	Adrian	Auto repairing, etc	5	1	6	.....
Dec. 3	Clark Basket Co	Adrian	Baskets	15	15	30	3
Dec. 4	Cutler-Dickinson Co., The	Adrian	Flour and feed	11	2	13	.....
Dec. 14	Detroit Milling Co	Adrian	Flour and feed	2	2	4	.....
Dec. 4	Economy Drawing Table Co	Adrian	Tables	28	1	29	.....
Dec. 11	Ehrlich, George	Adrian	Woodworking	2	.....	2	.....
Nov. 26	Excelsior Steam Laundry	Adrian	Laundry	3	2	5	.....
Nov. 26	Finch, S. F	Adrian	Job printing	5	1	6	.....
Dec. 17	Foster, Miss M	Adrian	Millinery	.....	3	3	.....
Dec. 11	Gempel's Home Bakery	Adrian	Baked goods	6	2	8	.....
Nov. 26	Gempel, W. C	Adrian	Job printing	1	.....	1	.....
Nov. 28	Gem Toothpick Co	Adrian	Toothpicks	3	5	8	.....
Nov. 27	Gibford-Weiffenbach Co., The	Adrian	Razor strops	21	16	37	1
Dec. 5	Gregg-Hotel Transfer Co	Adrian	Passenger service	4	.....	4	.....
Dec. 14	Gwynn, Thomas W	Adrian	Job printing	1	1	2	.....
Dec. 5	Harris, C. W	Adrian	Job printing	1	1	2	.....
Dec. 5	Hechinger, Geo	Adrian	Baked goods	2	1	3	.....
Nov. 26	Independent Coal & Trucking Co	Adrian	Coal and wood, etc	3	1	4	.....
Dec. 5	James & Heabler	Adrian	Plumbing	4	.....	4	.....
Dec. 5	Krapf, A	Adrian	Tinning	1	.....	1	.....
Dec. 22	Lenawee County Gas & Electric Co	Adrian	Gas	28	1	29	.....
Dec. 10	Lenawee County Telephone Co	Adrian	Telephone service	6	28	34	.....
Dec. 11	Lenawee Granite Works	Adrian	Monuments	4	.....	4	.....
Nov. 27	Manophone Corporation	Adrian	Phonographs, etc	104	3	107	2
Nov. 26	Maple City Granite Co., The	Adrian	Monuments	4	.....	4	.....
Nov. 28	Matthes Bros	Adrian	Coal	5	.....	5	.....
Nov. 27	Michigan Wire Fence Co	Adrian	Wire fence	40	3	43	.....
Dec. 5	Nevison Baking Co	Adrian	Baked goods	2	1	3	.....
Dec. 5	Nichols, F. W	Adrian	Job printing	1	.....	1	.....
Nov. 26	Oliver Instrument Co	Adrian	Machinery	24	4	28	.....
Nov. 28	Page Steel & Wire Co	Adrian	Steel and wire products	212	17	229	6
Nov. 27	Palmer, A. E. & Son	Adrian	Furniture	37	.....	37	.....
Nov. 28	Peerless Wire Fence Co	Adrian	Fences and gates	312	12	324	2
Dec. 3	Prentice, F. W. Co	Adrian	Screen doors, etc	91	19	110	4
Dec. 5	Raymond, S. W. Auto Sales Co	Adrian	Auto repairing	11	1	12	.....
Nov. 27	Rogers Lumber & Coal Co	Adrian	Coal and lumber	10	1	11	.....
Dec. 14	Ruess, D. M	Adrian	Millinery	.....	3	3	.....
Dec. 15	Sanitary Dry Cleaning Works	Adrian	Dry cleaning	2	.....	2	.....
Nov. 27	Schwarze Electric Co	Adrian	Electrical appliances	52	41	93	4
Dec. 5	Simpson, The Printer	Adrian	Job printing	1	1	2	.....
Dec. 14	Smith, M. E	Adrian	Job printing	2	.....	2	.....
Nov. 26	Spence Machine Shop	Adrian	Machine repairing	2	.....	2	.....
Nov. 27	Stevenson, Frank A	Adrian	Lumber and coal	10	1	11	.....
Dec. 4	Troy Laundry	Adrian	Laundry	3	9	12	.....
Nov. 27	United Electrical Mfg. Co., The	Adrian	Electrical supplies	23	40	63	7
Nov. 26	Union Garage	Adrian	Auto repairing	8	1	9	1
Dec. 4	Van Camp Packing Co., The	Adrian	Evaporating milk	38	5	43	.....
Dec. 11	Velvet Ice Cream Co	Adrian	Ice cream	8	1	9	.....
Dec. 22	Wilcox Hardware Co	Adrian	Hardware	22	1	23	.....
Nov. 27	Willbee-Morse Concrete Co	Adrian	Concrete	5	.....	5	.....
Dec. 11	Young, A. N	Adrian	Shoe repairing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	LENAWEE CO.—*Con.*						
July 12	Blissfield Advance, The	Blissfield	Printed matter	3	.....	3	1
July 12	Blissfield Motor Works	Blissfield	Auto repairing	3	.....	3	.....
Dec. 7	Blissfield Robe & Tanning Co., The	Blissfield	Furs	7	17	24	.....
Dec. 7	City Garage	Blissfield	Auto repairing	2	.....	2	.....
Dec. 7	Continental Sugar Co., The	Blissfield	Sugar	334	4	338	.....
July 12	Ford, J. M	Blissfield	Lumber and coal	7	1	8	.....
July 12	Forsyth, James	Blissfield	Lumber and coal	5	.....	5	.....
Dec. 7	Home Canning Co	Blissfield	Canned goods	17	10	27	.....
July 12	Howes, H. A. & Son	Blissfield	Feed	2	.....	2	.....
Dec. 7	Luce, H. J	Blissfield	Flour, feed and coal	1	.....	1	.....
Dec. 7	Municipal Electric Light Plant	Blissfield	Electricity and power	4	.....	4	.....
July 12	Murray & Phillipson	Blissfield	Monuments	4	.....	4	.....
July 12	Randall, M. F	Blissfield	Woodworking	1	.....	1	.....
July 12	Walper, J. J. & Co	Blissfield	Grain, etc	3	.....	3	.....
Dec. 24	Peninsular Portland Cement Co	Cement City	Cement	132	.....	132	5
Nov. 30	Atlas Milling Co	Clinton	Flour	6	.....	6	.....
Nov. 30	Clintonian Garage, The	Clinton	Auto repairing	4	.....	4	.....
Nov. 30	Clinton Local, The	Clinton	Printed matter	2	.....	2	.....
Nov. 30	Clinton Municipal Electric Light Plant	Clinton	Light and power	3	.....	3	.....
Nov. 30	Clinton Woolen Mfg. Co	Clinton	Woolen goods	97	37	134	.....
Nov. 30	McAdam, J. B	Clinton	Meats and groceries	2	.....	2	.....
Nov. 30	Palmer, Clarence P	Clinton	Dry cleaning	2	.....	2	.....
Dec. 21	Abbott, W. H	Hudson	Repairing	2	.....	2	.....
Dec. 20	Armstrong, Ralph W	Hudson	Plumbing	3	.....	3	.....
Dec. 20	Birch, R. F	Hudson	Coal and lumber	4	.....	4	.....
Dec. 21	Camp, R. W	Hudson	Plumbing	2	.....	2	.....
Dec. 21	Church Street Bakery	Hudson	Baked goods	3	.....	3	.....
Dec. 21	Cruse & Gaskill	Hudson	Coal and feed	5	1	6	.....
Dec. 21	Dillon, J. A., Jr	Hudson	Auto repairing	5	1	6	.....
Dec. 21	Donough, D. G	Hudson	Feed	1	.....	1	.....
Dec. 21	Hackett, J. E. & Co	Hudson	Feed	2	.....	2	.....
Dec. 21	Hardie Mfg. Co., The	Hudson	Spray pumps	38	3	41	.....
Dec. 20	Hasen Mfg. Co	Hudson	Pumps	41	2	43	.....
Dec. 20	Helvetia Milk Condensing Co	Hudson	Dairy products	90	17	107	.....
Dec. 21	Hudson Bottling Works	Hudson	Soft drinks	5	.....	5	.....
Dec. 20	Hudson Overland Garage	Hudson	Auto repairing	2	.....	2	.....
Dec. 20	Hudson Gazette, The	Hudson	Printing	3	.....	3	.....
Dec. 21	Hudson Milling Co., The	Hudson	Flour and feed	6	.....	6	.....
Dec. 21	Hudson Water Works	Hudson	Water	4	.....	4	.....
Dec. 21	Kellogg, H	Hudson	Harness	7	.....	7	.....
Dec. 20	Lockwood, J. L	Hudson	Baked goods	2	2	4	.....
Dec. 20	Meredith, Frank E. & Co	Hudson	Coal	4	1	5	.....
Dec. 20	Neptune Paint Co., The	Hudson	Paints	7	.....	7	.....
Dec. 21	Snow Flake Laundry	Hudson	Laundry	2	2	4	.....
Dec. 20	Southern Michigan Light & Power Co	Hudson	Light and power	7	1	8	.....
Dec. 21	Steger, Geo. A	Hudson	Meats	3	.....	3	.....
Dec. 21	Steuerwald, Chas	Hudson	Printing	4	.....	4	.....
Dec. 21	Whipple, Clara	Hudson	Millinery	.....	3	3	.....
Dec. 12	American Brick & Tile Co	Morenci	Brick and tile	23	.....	23	.....
Dec. 13	Bancroft, D. L	Morenci	Tailoring	1	.....	1	.....
Dec. 12	Cline & Awkerman	Morenci	Lumber and coal	3	.....	3	.....
Dec. 12	Fellows, C	Morenci	Baked goods	3	2	5	.....
Dec. 13	Gust, G. W	Morenci	Hardware	6	.....	6	.....
Dec. 12	Hill, L. G. Garage	Morenci	Auto repairing	4	1	5	.....
Dec. 13	Kellogg & Buck	Morenci	Flour and feed	8	.....	8	.....
Dec. 12	Morenci Steam Laundry	Morenci	Laundry	3	4	7	.....
Dec. 12	Observer, The	Morenci	Printed matter	4	.....	4	.....
Dec. 12	Ohio Dairy Co., The	Morenci	Dairy products	65	.....	65	2
Dec. 12	Osgood, Albert H	Morenci	Feed	4	.....	4	.....
Dec. 12	Porter Lumber Co	Morenci	Lumber and coal	3	1	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	LENAWEE CO.—*Con.*						
Dec. 12	Price Sisters, The	Morenci	Millinery	.....	2	2	.....
Dec. 12	Riverside Garage, The	Morenci	Auto repairing	4	.....	4	.....
Dec. 13	Southern Michigan Monumental Wks	Morenci	Monuments	4	.....	4	.....
Dec. 12	Wells Canning Co., The	Morenci	Canned goods	4	6	10	.....
Dec. 24	Morr's & Greenleaf	Onsted	Auto repairing	3	.....	3	.....
Dec. 24	Onsted & Kerr Co	Onsted	Lumber, coal and grain	4	.....	4	.....
Dec. 24	Onsted News, The	Onsted	Printed matter	2	.....	2	.....
Dec. 24	Pitcher, W. D. & Co	Onsted	Lumber and cider	3	.....	3	.....
Dec. 31	Reynolds, C. L	Onsted	Meats and groceries	2	.....	2	.....
Dec. 13	Driggs, H. H. Dairy Farm, The	Palmyra	Dairy products	7	.....	7	.....
Dec. 13	Simplex Paper Co., The	Palmyra	Paper	11	.....	11	.....
Dec. 13	Ehinger-Vogt Co., The	Palmyra	Woodworking	19	1	20	.....
Dec. 10	American Steel & Wire Co	Tecumseh	Fence	36	.....	36	.....
Dec. 10	Brewer, H. & Co	Tecumseh	Machinery	51	1	52	3
Dec. 17	Brown & Co	Tecumseh	Coal and wood	5	.....	5	.....
Dec. 18	Clark's Market	Tecumseh	Meats	4	.....	4	.....
Dec. 18	Field, George S	Tecumseh	Job printing	2	.....	2	.....
Dec. 10	Garlinghouse Garage	Tecumseh	Auto repairing	5	.....	5	.....
Dec. 18	Gillespie, Grace	Tecumseh	Millinery	.....	2	2	.....
Dec. 18	Grats, D. & Son	Tecumseh	Flour and feed	5	1	6	.....
Dec. 18	Hailey, J. F	Tecumseh	Carriage repairing	3	.....	3	.....
Dec. 17	Hayden, Wm. Milling Co., The	Tecumseh	Flour and feed	7	.....	7	.....
Dec. 10	Heesen Bros. & Co	Tecumseh	Castings	32	1	33	2
Dec. 18	Lenawee Lumber & Supply Co	Tecumseh	Lumber and coal	7	1	8	1
Dec. 17	Mahaney & McKinney	Tecumseh	Cigars	2	1	3	.....
Dec. 17	Mingay, Tom W	Tecumseh	Job printing	2	.....	2	.....
Dec. 17	Moore Bros	Tecumseh	Coal and lumber	4	.....	4	.....
Dec. 18	Nevison, S	Tecumseh	Baked goods	3	2	5	.....
Dec. 10	Quaker Oats Co., The	Tecumseh	Macaroni	22	8	30	.....
Dec. 17	Tecumseh "Big Chief" Garage	Tecumseh	Auto repairing	4	1	5	.....
Dec. 17	Tecumseh Butter Co	Tecumseh	Dairy products	4	1	5	.....
Dec. 17	Tecumseh Electric Co., The	Tecumseh	Light and power	9	1	10	.....
Dec. 17	Tecumseh Semi-Weekly Herald	Tecumseh	Printed matter	1	3	4	.....
Dec. 17	Tecumseh Steam Laundry	Tecumseh	Laundry	2	2	4	1
Dec. 17	Temple, L. E. & Co	Tecumseh	Coal	3	1	4	.....
Dec. 17	Tecumseh Water Works	Tecumseh	Water	2	.....	2	.....
Dec. 17	Whiting, W. W	Tecumseh	Cigars	19	4	23	1
	LIVINGSTON COUNTY.						
Nov. 9	Brighton Argus, The	Brighton	Printed matter	1	1	2	.....
Nov. 9	Brighton Garage	Brighton	Auto repairing	1	.....	1	.....
Nov. 10	Detroit Creamery Co	Brighton	Dairy products	10	.....	10	.....
Nov. 9	Detroit Edison Co., The	Brighton	Water and power	1	1	2	.....
Nov. 9	Hyne, F. T. & Son	Brighton	Grain and beans	4	.....	4	.....
Nov. 10	Stewart, A. C	Brighton	Grain and beans	3	.....	3	.....
Nov. 9	Thompson Milling Co	Brighton	Flour and feed	2	.....	2	.....
Nov. 15	Burkhardt, E. W. & Son	Fowlerville	Grain and beans	3	.....	3	.....
Nov. 15	Fowlerville Lighting Co	Fowlerville	Light and water	3	.....	3	.....
Nov. 15	Fowlerville Review, The	Fowlerville	Printed matter	2	.....	2	.....
Nov. 15	Gannon, C. J	Fowlerville	Hay and wood	5	.....	5	.....
Nov. 15	Livingston Mills	Fowlerville	Flour	3	.....	3	.....
Nov. 15	Peck, Bill	Fowlerville	Job printing	1	.....	1	.....
Nov. 15	Peckens, Geo. A	Fowlerville	Feed and cider	2	.....	2	.....
Nov. 10	Rounsville, Frank G	Fowlerville	Grain and beans	4	25	29	.....
Nov. 15	Sprague, Roy T	Fowlerville	Auto repairing	5	1	6	.....
Nov. 15	Towar's Wayne County Creamery	Fowlerville	Dairy products	3	.....	3	.....
Nov. 19	Hamburg Cider Mill, The	Hamburg	Cider	2	.....	2	.....
Nov. 10	Hamburg Feed Mill, The	Hamburg	Feed	1	.....	1	.....
Nov. 9	Stockbridge Elevator Co	Hamburg	Beans and grain	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	LIVINGSTON CO.—*Con.*						
Oct. 12	Board of Public Works	Howell	Light and water	10	1	11	.....
Nov. 12	Borden's Condensed Milk Co	Howell	Condensed milk	50	12	62	1
Nov. 13	Brooks, Wm. T	Howell	Custom clothing	4	1	5	.....
Oct. 13	Culver, Claude B	Howell	Cigars	4	.....	4	.....
Oct. 13	Dickson & Son	Howell	Baked goods	5	.....	5	.....
Nov. 13	Hoff Bros. Garage	Howell	Auto repairing	4	1	5	.....
Oct. 13	Hornung, George & Son	Howell	Custom clothing	1	2	3	.....
Oct. 13	Hovey, L. W	Howell	Baked goods	2	1	3	.....
Nov. 13	Howell Electric Motors Co	Howell	Electric motors	79	14	93	4
Nov. 13	Howell Elevator Co., The	Howell	Grain and beans	2	.....	2	.....
Oct. 13	Howell Laundry Co	Howell	Laundry	2	2	4	.....
Oct. 13	Jewett Chas. G	Howell	Plumbing	7	1	8	.....
Oct. 13	Johnson's Home Bakery	Howell	Baked goods	3	1	4	.....
Nov. 13	Livingston Democrat, The	Howell	Printed matter	3	1	4	.....
Nov. 14	Livingston Republican	Howell	Printed matter	3	1	4	.....
Nov. 14	Michigan State Telephone Co	Howell	Telephone service	2	15	17	.....
Nov. 13	Mutter, Geo	Howell	Shoe repairing	2	.....	2	.....
Nov. 13	Parker's Garage & Machine Shop	Howell	General repairing	4	.....	4	.....
Nov. 13	Parshall, C. A. & Co	Howell	Flour and feed	7	1	8	.....
Nov. 13	Peavy, A. F. & Son	Howell	Coal and feed	5	.....	5	.....
Nov. 13	Spencer-Smith Machine Co	Howell	Pistons	57	1	58	.....
Nov. 12	Sprague, Roy T	Howell	Auto repairing	2	1	3	.....
Nov. 13	Taft, J. O	Howell	Coal, beans and grain	4	.....	4	.....
Nov. 14	Towar Wayne County Creamery	Howell	Dairy products	3	.....	3	.....
Nov. 13	Watkins Mfg. Co	Howell	Fish stringers	2	.....	2	.....
Nov. 14	Williams, H. L	Howell	Farm produce	9	.....	9	.....
Nov. 14	Wright, F. E	Howell	Interior finish	2	.....	2	.....
Nov. 8	Lakeland Motor Works, The	Lakeland	Marine engines	6	.....	6	.....
Nov. 8	Pinckney Dispatch, The	Pinckney	Printed matter	1	1	2	.....
Nov. 8	Pinckney Garage	Pinckney	Auto repairing	3	.....	3	.....
Nov. 8	Read, Thomas	Pinckney	Grain and beans	3	.....	3	.....
Nov. 8	Smith, D. D	Pinckney	Meats	1	.....	1	.....
	LUCE COUNTY.						
Feb. 2	South Shore Cedar Co	Dollarville	Lumber and shingles	63	1	64	.....
Jan. 30	Mark, Henry	McMillan	Lumber	11	.....	11	.....
Jan. 30	Waits, John	McMillan	Livery	2	.....	2	.....
Jan. 31	Beaudin, Fred	Newberry	Cigars	2	.....	2	.....
Jan. 31	Brown & Turnbull	Newberry	Meats	2	.....	2	.....
Jan. 31	Charcoal Iron Company of America	Newberry	Forest products	246	.....	246	.....
Jan. 31	Charcoal Iron Company of America	Newberry	Iron and chemicals	234	2	236	.....
Jan. 31	Charcoal Iron Company of America	Newberry	Lumber	42	.....	42	.....
Jan. 31	Cloverland Bakery, The	Newberry	Baked goods	2	5	7	.....
Jan. 31	Easton, Alex	Newberry	Merchant tailoring	1	2	3	.....
Jan. 31	Foster, J. C	Newberry	Hardware	9	1	10	.....
Jan. 31	Horner, William	Newberry	Flooring	111	.....	111	.....
Feb. 1	Newberry Livery Feed & Sale Stables	Newberry	Livery service	5	.....	5	.....
Jan. 31	Newberry News, The	Newberry	Printed matter	2	1	3	.....
Jan. 31	Newberry Water & Light Plant	Newberry	Water and light	6	.....	6	.....
Feb. 1	South Shore Cedar Co	Newberry	Forest products	74	.....	74	.....
	MACKINAC COUNTY.						
Jan. 29	Appleford Bros	Brevort Lake	Lumber and shingles	14	.....	14	.....
Jan. 29	Luepnitz, Frank J	Brevort Lake	Lumber and repairing	5	.....	5	.....
Jan. 29	Wilwin Lumber Co	Chesbrough	Lumber	44	.....	44	.....
Jan. 28	Bell, Edwin Co., The	Engadine	Cooperage	36	.....	36	2
Jan. 28	Foster, J. C	Engadine	Hardware	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MACKINAC CO.—*Con.*						
Jan. 29	Fiborn Limestone Co	Fiborn	Limestone	34	.....	34	.....
Jan. 28	Saulter, Harry	Gould City	Lath and lumber	7	.....	7	.....
Jan. 29	Soelther, Jos	Green	Lumber	15	.....	15	.....
Jan. 29	Hendrick's Quarry	Hendricks	Crushed stone	42	.....	42	.....
Jan. 30	Hoban, J. A. Co	Mackinac Island.	Meats	3	.....	3	.....
Jan. 30	Island Blacksmith Shop	Mackinac Island.	Blacksmithing	4	.....	4	.....
Jan. 30	McNally & Donnelly	Mackinac Island.	Meats	6	.....	6	.....
Jan. 30	Municipal Water, Light & Power Co	Mackinac Island.	Water and light	8	.....	8	.....
Jan. 29	Quay, D. & Sons	Moran	Lumber	26	.....	26	.....
Jan. 29	Standard Post & Tie Co., The	Moran	Posts, etc	7	.....	7	.....
Jan. 20	Fiborn Limestone Co	Ozark	Crushed stone	25	3	28	.....
Jan. 30	Chicago Meat Market	St. Ignace	Meats	3	.....	3	.....
Jan. 30	City Bakery	St. Ignace	Baked goods	2	1	3	.....
Jan. 30	Duluth, South Shore & Atlantic Ry. Co	St. Ignace	Freight	51	1	52	.....
Jan. 30	Duluth, South Shore & Atlantic Ry. Co	St. Ignace	Car repairing	16	.....	16	.....
Jan. 30	Fair, A	St. Ignace	Meats	2	1	3	.....
Jan. 30	Gallagher, P. E	St. Ignace	Meats	1	.....	1	.....
Jan. 30	Golden Rule Shop	St. Ignace	Blacksmithing	4	.....	4	.....
Jan. 30	Gorman, Miss Agnes	St. Ignace	Millinery	.....	2	2	.....
Jan. 30	Hat Shop, The	St. Ignace	Millinery	.....	3	3	.....
Jan. 30	Johnson, Chas. J	St. Ignace	Blacksmithing	1	.....	1	.....
Jan. 30	Jones & Kerry Lumber Co	St. Ignace	Lumber	65	1	66	.....
Jan. 30	Kynoch, Chas. & Co	St. Ignace	Hardware	2	1	3	.....
Jan. 30	Lawson, E. J	St. Ignace	Lumber	7	.....	7	.....
Jan. 30	Michigan State Telephone Co	St. Ignace	Telephone service	1	5	6	.....
Jan. 30	Municipal Light & Water Works	St. Ignace	Light and water	5	.....	5	.....
Jan. 30	Murray Bros	St. Ignace	Forest products	39	.....	39	.....
Jan. 30	Republican News, The	St. Ignace	Printed matter	3	.....	3	.....
Jan. 30	St. Ignace Enterprise, The	St. Ignace	Printing	3	.....	3	1
Jan. 30	Shaver, F. W	St. Ignace	Shingles	22	.....	22	.....
Jan. 29	Standard Post & Tie Co., The	St. Ignace	Woodworking	31	.....	31	.....
Jan. 31	Warner-Newton Lumber Co	St. Ignace	Forest products	16	.....	16	.....
	MACOMB COUNTY.						
Oct. 23	Armada Elevator Co	Armada	Grains	2	.....	2	.....
Oct. 23	Armada Garage	Armada	Auto repairing	2	.....	2	.....
Oct. 23	Armada Times-Graphic, The	Armada	Printed matter	2	1	3	.....
Oct. 23	Detroit Edison Co., The	Armada	Light and water	1	.....	1	.....
Oct. 23	Ellis, O. A. Creamery	Armada	Dairy products	2	.....	2	.....
Oct. 23	Howell, O. F	Armada	Blacksmithing	2	.....	2	.....
Oct. 23	Neely, Thomas E	Armada	Flour	2	.....	2	.....
Oct. 23	Pugh, L. E	Armada	Lumber and coal	2	.....	2	.....
Oct. 23	Ritter, Fred G	Armada	Blacksmithing	1	.....	1	.....
Oct. 23	Shearer & Sterling	Armada	Feed grinding	2	.....	2	.....
Oct. 23	Struthers Cooperage Co	Armada	Staves and hoops	20	.....	20	.....
Oct. 18	Chesterfield Creamery Co	Chesterfield	Dairy products	4	1	5	.....
Oct. 18	Fairchild Garage	Chesterfield	Auto repairing	2	.....	2	.....
Oct. 25	Baske, Fred	Fraser	Blacksmithing	1	.....	1	.....
Oct. 25	Steffens, Chas	Fraser	Lumber and coal	15	.....	15	.....
Sept. 17	American Laundry	Mt. Clemens	Laundry	7	27	34	.....
Oct. 3	Artificial Stone Co	Mt. Clemens	Cement blocks	2	.....	2	.....
Oct. 2	Barber & Donaldson	Mt. Clemens	Candy and ice cream	3	4	7	.....
Sept. 18	Biewer's Brewery	Mt. Clemens	Beer	9	.....	9	.....
Sept. 21	Board of Public Works	Mt. Clemens	Water	6	.....	6	.....
Sept. 19	Breitmeyer Floral Co	Mt. Clemens	Flowers	11	.....	11	.....
Sept. 18	Burk, Edward J	Mt. Clemens	Plumbing	5	.....	5	.....
Oct. 1	Cady & Hart	Mt. Clemens	Blacksmithing	2	.....	2	.....
Oct. 3	Calvert, John	Mt. Clemens	Baked goods	1	2	3	.....
Sept. 19	"Carey," John E	Mt. Clemens	Flowers	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MACOMB CO.—*Con.*						
Oct. 4	Carew & Hill	Mt. Clemens	Millinery	.....	4	4	.....
Oct. 1	Carlsbad Mineral Salt Co	Mt. Clemens	Mineral water	2	.....	2	.....
Sept. 20	Central Garage Repair Shop	Mt. Clemens	Auto repairing	6	1	7	.....
Oct. 4	Charbeneau Cleaning & Pressing Co	Mt. Clemens	Cleaning and pressing	2	.....	2	1
Oct. 3	Chesterfield Creamery Co	Mt. Clemens	Milk receiving station	1	.....	1	.....
Oct. 2	City Meat Market	Mt. Clemens	Meats	4	.....	4	.....
Sept. 17	City Mills	Mt. Clemens	Flour and feed	4	.....	4	.....
Sept. 18	City Steam Laundry	Mt. Clemens	Laundry	4	17	21	.....
Sept. 21	Detroit Creamery Co	Mt. Clemens	Ice cream and milk	2	.....	2	.....
Sept. 24	Detroit Edison Co., The	Mt. Clemens	Electricity	8	4	12	1
Sept. 17	Donaldson Bros	Mt. Clemens	Farm implements	59	1	60	2
Sept. 18	Dreimiller, Peter	Mt. Clemens	Harness	2	.....	2	.....
Oct. 3	Epley & Sons	Mt. Clemens	Meats and groceries	7	2	9	.....
Sept. 18	Ferrin, Chas. S. Co., The	Mt. Clemens	Hardware	10	1	11	.....
Oct. 1	Forman, Mrs. L. M	Mt. Clemens	Millinery	.....	4	4	.....
Oct. 1	Gats, Chas. H	Mt. Clemens	Tailoring	5	2	7	.....
Sept. 20	Gats, J. F. & Co	Mt. Clemens	Baked goods	8	3	11	.....
Sept. 20	Gats Creamery Co., The	Mt. Clemens	Dairy products	3	.....	3	.....
Oct. 4	Greh Chas	Mt. Clemens	Tailoring	2	.....	2	.....
Oct. 2	Haller & Co	Mt. Clemens	Meats and provisions	5	2	7	.....
Sept. 19	Hatzenbuhler & Cudworth	Mt. Clemens	Plumbing	10	.....	10	.....
Oct. 2	Hibbert, David	Mt. Clemens	Cement blocks	3	.....	3	.....
Oct. 1	Hogg, C. F	Mt. Clemens	Bicycle repairing	2	.....	2	.....
Sept. 19	Hubarth & Schott Co., The	Mt. Clemens	Lumber	64	.....	64	.....
Oct. 1	Hubbard, D. B	Mt. Clemens	Monuments	2	.....	2	.....
Oct. 1	Huemiller, H	Mt. Clemens	Monuments	2	.....	2	.....
Oct. 4	Kendrick & Bruel	Mt. Clemens	Coal	7	.....	7	.....
Sept. 17	Killewald Garage	Mt. Clemens	Auto repairing	3	.....	3	.....
Sept. 19	Klagge, Robert	Mt. Clemens	Flowers	10	.....	10	.....
Oct. 1	Kruse Sons Co	Mt. Clemens	Hardware	5	.....	5	.....
Oct. 2	Kursteiner's Home Bakery	Mt. Clemens	Baked goods	1	2	3	.....
Sept. 18	Lakeside Ice & Coal Co., The	Mt. Clemens	Coal and ice	17	.....	17	.....
Sept. 20	Lee Printing Co	Mt. Clemens	Printing	3	1	4	1
Sept. 24	Linneburg & Harder	Mt. Clemens	Cigars	2	.....	2	.....
Sept. 17	Lozen, Ed	Mt. Clemens	Blacksmithing	2	.....	2	.....
Oct. 1	McMannus, Chas	Mt. Clemens	Meats	3	.....	3	.....
Sept. 20	Michigan State Telephone Co	Mt. Clemens	Telephone service	9	35	44	.....
Oct. 1	Misch, Mrs. C. O	Mt. Clemens	Millinery	.....	5	5	.....
Oct. 5	Modern Electric Co., The	Mt. Clemens	Electrical goods	6	1	7	.....
Sept. 20	Modern Press, The	Mt. Clemens	Printing	3	1	4	.....
Oct. 3	Mt. Clemens Bath Tub Co	Mt. Clemens	Bath tubs	6	1	7	.....
Sept. 24	Mt. Clemens Battery & Service Co	Mt. Clemens	Storage battery repair	2	.....	2	.....
Sept. 18	Mt. Clemens Brewing Co	Mt. Clemens	Beer	12	.....	12	.....
Oct. 1	Mt. Clemens Daily Leader, The	Mt. Clemens	Printing	7	1	8	1
Sept. 20	Mt. Clemens Daily Messenger	Mt. Clemens	Printing	9	1	10	.....
Sept. 20	Mt. Clemens Garage & Motor Sales Co.	Mt. Clemens	Auto repairing, etc	7	1	8	.....
Sept. 21	Mt. Clemens Garage & Motor Sales Co.	Mt. Clemens	Auto repairing	4	.....	4	.....
Sept. 19	Mt. Clemens Gas Light Co	Mt. Clemens	Gas	14	1	15	.....
Sept. 19	Mt. Clemens Pottery Co	Mt. Clemens	Pottery	192	78	270	36
Nov. 30	Mt. Clemens Sugar Co	Mt. Clemens	Sugar	309	5	314	.....
Sept. 17	Mt. Clemens Transfer & Storage Co	Mt. Clemens	Transfer service	4	1	5	.....
Sept. 19	Mt. Clemens Milling Co	Mt. Clemens	Flour and feed	5	1	6	.....
Sept. 20	Nellis, J. E. & Son	Mt. Clemens	Printing	4	3	7	1
Sept. 18	Paganetti, J. S. Co., The	Mt. Clemens	Lumber	67	.....	67	.....
Oct. 3	Panacea Spring Water Co	Mt. Clemens	Mineral water	3	1	4	.....
Sept. 17	Phillips & McCreedy	Mt. Clemens	Machine repairing	6	.....	6	.....
Oct. 1	Pringnits, Otto	Mt. Clemens	Meats	2	.....	2	.....
Oct. 2	Pringnits, A. & Sons	Mt. Clemens	Meats and groceries	7	.....	7	.....
Sept. 20	Rapid Railway System	Mt. Clemens	Freight	31	.....	31	.....
Oct. 3	Rock Garden Greenhouses	Mt. Clemens	Flowers	8	.....	8	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MACOMB CO.—*Con.*						
Oct. 1	Rosso Bros	Mt. Clemens	Auto repairing	7	.....	7	.....
Sept. 20	Rural Publishing Co	Mt. Clemens	Printing	10	4	14	.....
Sept. 24	Sarns & Krause	Mt. Clemens	Machine repairing	3	.....	3	.....
Oct. 5	Schutt, Frederick J	Mt. Clemens	Upholstering	4	.....	4	.....
Sept. 24	Snook & Son	Mt. Clemens	Staves and heading	6	.....	6	2
Oct. 2	Sprudel Water Co	Mt. Clemens	Soft drinks	6	1	7	1
Sept. 19	Stuck, William M	Mt. Clemens	Flour and feed	2	.....	2	.....
Sept. 19	Superior Steel Spring Co	Mt. Clemens	Motor car leaf springs	36	.....	36	1
Oct. 2	Touscany, Frank X	Mt. Clemens	Provisions	5	1	6	1
Oct. 5	Tucker, John N	Mt. Clemens	Coal, cement, etc	9	.....	9	.....
Oct. 1	Ullrich, John J	Mt. Clemens	Tailoring	4	.....	4	1
Oct. 2	Ullrich, R. C. Hardware Co	Mt. Clemens	Hardware	12	.....	12	2
Oct. 2	Waisbart, H	Mt. Clemens	Tailoring	1	.....	1	.....
Oct. 1	Weber, Geo. L	Mt. Clemens	Vulcanizing	2	.....	2	.....
Oct. 3	Willett, E. C	Mt. Clemens	Auto repairing	1	.....	1	.....
Oct. 1	Wolf, L. F. Hardware Co	Mt. Clemens	Hardware	23	2	25	.....
Oct. 16	Baker, C. E	New Baltimore	Lumber and cement	5	.....	5	.....
Oct. 16	Charties Home Bakery	New Baltimore	Baked goods	1	1	2	.....
Oct. 16	Detroit United Railway	New Baltimore	Electricity	25	.....	25	.....
Oct. 18	Langell, Frank M	New Baltimore	Sheet metal work	1	.....	1	.....
Oct. 18	Murdock, C. H	New Baltimore	Cement blocks	2	.....	2	.....
Oct. 16	New Baltimore Brick & Tile Co	New Baltimore	Brick and tile	2	.....	2	.....
Oct. 16	New Baltimore Creamery Co	New Baltimore	Dairy products	3	.....	3	.....
Oct. 16	New Baltimore Elevator Co	New Baltimore	Grain and produce	2	.....	2	.....
Oct. 16	New Baltimore Era	New Baltimore	Printing	2	1	3	.....
Oct. 16	New Baltimore Garage	New Baltimore	Auto repairing	2	.....	2	.....
Oct. 16	New Baltimore Water Works	New Baltimore	Water	1	.....	1	.....
Oct. 16	Palace Meat Market	New Baltimore	Meats	1	.....	1	.....
Oct. 16	Pemberton & Pemberton	New Baltimore	Blacksmithing	2	.....	2	.....
Oct. 16	Schlosser, Chris	New Baltimore	Hardware	2	.....	2	.....
Oct. 16	Worthy, F. A	New Baltimore	Meats	2	.....	2	.....
Oct. 18	Anderson, Ole	New Haven	Blacksmithing	1	.....	1	.....
Oct. 18	Detroit Creamery Co	New Haven	Dairy products	2	.....	2	.....
Oct. 18	Deichert, H	New Haven	Harness	1	.....	1	.....
Oct. 18	Edmunds, W. F	New Haven	Flour and feed	2	.....	2	.....
Oct. 18	New Haven Advocate, The	New Haven	Printing	1	.....	1	.....
Oct. 18	New Haven Elevator Co	New Haven	Flour and feed	4	.....	4	.....
Oct. 18	New Haven Garage	New Haven	Auto repairing	2	.....	2	.....
Oct. 18	New Haven Iron Works	New Haven	Castings	13	1	14	.....
Oct. 18	New Haven Lumber & Coal Co., The	New Haven	Lumber and coal	2	.....	2	.....
Oct. 18	Rhodes & Harris	New Haven	Hardware	2	.....	2	.....
Oct. 19	Artic Ice Cream Co	Richmond	Dairy products	2	.....	2	.....
Oct. 19	Central Garage, The	Richmond	Auto repairing	3	.....	3	.....
Oct. 19	Chaskey & Breese	Richmond	Meats	3	.....	3	.....
Oct. 19	Commercial Milling Co	Richmond	Flour and feed	4	1	5	.....
Oct. 19	Detroit Edison Co	Richmond	Light and water	2	.....	2	.....
Oct. 19	Farmers' Elevator Co., The	Richmond	Grain and hay	5	.....	5	.....
Oct. 19	Gables Bakery	Richmond	Baked goods	2	.....	2	.....
Oct. 19	Lapp, Chas. W	Richmond	Coal and building supplies	2	.....	2	.....
Oct. 19	Lenox Standard, The	Richmond	Printed matter	1	.....	1	.....
Oct. 19	Marchbank, David	Richmond	Sheet metal	1	.....	1	.....
Oct. 19	Parker Plow Co	Richmond	Farm implements	19	1	20	.....
Oct. 19	Richmond Bakery, The	Richmond	Baked goods	1	1	2	.....
Oct. 19	Richmond Cement Culvert Co	Richmond	Cement culverts	3	.....	3	.....
Oct. 19	Richmond Lumber Co., The	Richmond	Lumber	7	.....	7	.....
Oct. 19	Richmond Review, The	Richmond	Printed matter	2	3	5	.....
Oct. 19	Rogge, Gus	Richmond	Blacksmithing	1	.....	1	.....
Oct. 19	Service Garage, The	Richmond	Auto repairing	2	.....	2	.....
Oct. 19	Tedman's Meat Market	Richmond	Meats	1	.....	1	.....
Oct. 25	Weter, Fanning & Co	Richmond	Farm produce	15	.....	15	3

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Name of establishment.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MACOMB CO.—*Con.*						
Oct. 23	Bradley & Chubb	Romeo	Coal	1	.....	1	.....
Oct. 23	Central Garage	Romeo	Auto repairing	2	.....	2	.....
Oct. 23	Detroit Edison Co	Romeo	Light and power	3	.....	3	.....
Oct. 24	Dodge, Porter B. & Son	Romeo	Meats	2	.....	2	.....
Oct. 24	Ewell, S. L	Romeo	Flour and feed	2	.....	2	.....
Oct. 24	Gray Elevator Co	Romeo	Grain and beans	3	10	13	.....
Oct. 24	Holmes Foundry Co	Romeo	Castings	66	.....	66	.....
Oct. 24	Lempke, C. C	Romeo	Meats	2	.....	2	.....
Oct. 24	Ostrander, F. L	Romeo	Auto repairing	2	.....	2	.....
Oct. 23	Robertson, Geo. F. Co., The	Romeo	Lumber	15	1	16	.....
Oct. 24	Romeo Bakery	Romeo	Baked goods	3	2	5	.....
Oct. 24	Romeo Elgin Creamery	Romeo	Dairy products	1	.....	1	.....
Oct. 24	Romeo Marble & Granite Works	Romeo	Monuments	3	.....	3	.....
Oct. 7	Romeo Milling & Elevator Co	Romeo	Flour	2	.....	2	.....
Oct. 24	Romeo Observer	Romeo	Printed matter	1	.....	1	.....
Oct. 24	Romeo Water Works	Romeo	Water	3	.....	3	.....
Oct. 23	Rumsey, W. Co., The	Romeo	Cotton and wool waste	33	9	42	1
Oct. 24	Starkweather Millinery Parlor	Romeo	Millinery	.....	2	2	.....
Oct. 23	Stringham, D. W	Romeo	Auto repairing	2	.....	2	.....
Oct. 23	Turner, H. L. Garage	Romeo	Auto repairing	1	.....	1	.....
Oct. 24	Washer, Geo. H	Romeo	Harness	1	.....	1	.....
Oct. 25	Church & Church	Utica	Grain, lumber and coal	4	.....	4	.....
Oct. 25	Decker & Ramus	Utica	Auto repairing	2	.....	2	.....
Oct. 25	Fischer, L. A	Utica	Blacksmithing	2	.....	2	.....
Oct. 25	Messmore, H. O	Utica	Meats	4	.....	4	.....
Oct. 25	Orcutt, Fred	Utica	Blacksmithing	1	.....	1	.....
Oct. 25	Reshe, Wm	Utica	Auto repairing	3	.....	3	.....
Oct. 25	Rudolph, Wm	Utica	Repairing	1	.....	1	.....
Oct. 24	Schuldt, Wm	Utica	Blacksmithing	1	.....	1	.....
Oct. 25	Utica Bakery & Grocery	Utica	Baked goods	1	1	2	.....
Oct. 25	Utica Cooperative Creamery Assn	Utica	Dairy products	2	1	3	.....
Oct. 25	Utica Milling Co	Utica	Flour	7	.....	7	.....
Oct. 25	Utica Sentinel, The	Utica	Printing	2	.....	2	.....
Oct. 25	Church, A. V	Warren	Feed and coal	2	.....	2	.....
Oct. 25	Eckstein-Lakie Co	Warren	Auto repairing	3	.....	3	.....
Oct. 25	Gerlach, C	Warren	Blacksmithing	3	.....	3	.....
Oct. 25	Luts, Fred	Warren	Blacksmithing	2	.....	2	.....
Oct. 25	Peck, C. F	Warren	Meats	1	.....	1	.....
Oct. 25	Warren Brick & Tile Works	Warren	Brick	30	.....	30	.....
Oct. 25	Warren Watchman, The	Warren	Printing	1	1	2	.....
	MANISTEE COUNTY.						
Feb. 18	Arcadia & Betsey River Ry. Co	Arcadia	Car repairing	10	.....	10	.....
Feb. 18	Arcadia Furniture Co	Arcadia	Furniture	91	5	96	6
Feb. 18	Arcadia Mirror Works	Arcadia	Mirrors	15	.....	15	.....
Feb. 18	Mingus, Ed	Arcadia	Blacksmithing	2	.....	2	.....
Feb. 18	Beacon Print Shop, The	Bear Lake	Job printing	2	1	3	.....
Feb. 18	Bear Lake Roller Mills, The	Bear Lake	Flour and feed	2	.....	2	.....
Feb. 18	Bear Lake Garage	Bear Lake	Auto repairing	3	.....	3	.....
Feb. 18	Conklin, J. R. & Son	Bear Lake	Blacksmithing	3	.....	3	.....
Feb. 16	Bigelow, C. C	Copemish	Produce	3	9	12	.....
Feb. 15	Chapman-Sargent Co., The	Copemish	Woodenware	40	.....	40	.....
Feb. 16	Copemish Auto & Garage Co	Copemish	Auto repairing	2	.....	2	.....
Feb. 16	Copemish Bean & Grain Co	Copemish	Produce	3	31	34	.....
Feb. 16	Copemish Creamery Co	Copemish	Dairy products	3	1	4	.....
Feb. 16	Copemish Progress, The	Copemish	Job printing	1	1	2	.....
Feb. 16	Copemish Roller Mills	Copemish	Flour and feed	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MANISTEE CO.—*Con.*						
Feb. 16	Holland, John	Copemish	Blacksmithing	2	.....	2	.....
Feb. 15	Kaleva Roller Mills	Kaleva	Flour and feed	2	.....	2	.....
Feb. 18	Lutz & Schramm Co	Kaleva	Pickles	7	.....	7	.....
Feb. 15	Ollila, Alex	Kaleva	Lumber	3	.....	3	.....
Feb. 19	American Printing Co	Manistee	Job printing	3	2	5	.....
Feb. 21	American Woodenware Co	Manistee	Washboards	68	24	92	28
Feb. 23	Ames, James P	Manistee	Blacksmithing	1	.....	1	.....
Feb. 19	Auto Garage Co	Manistee	Auto sales and repairing	13	.....	13	.....
Feb. 23	Broadhead, Jos	Manistee	Wood saws	3	1	4	.....
Feb. 19	Buckley & Douglas Lumber Co., The	Manistee	Lumber, shingles and salt	432	4	436	.....
Feb. 19	Buckley & Douglas Lumber Co., The	Manistee	Salt	55	.....	55	.....
Feb. 19	Central Meat Market	Manistee	Meats	3	.....	3	.....
Feb. 23	City Dye Works	Manistee	Cleaning and dyeing	1	3	4	.....
Feb. 19	City Steam Laundry	Manistee	Laundry	2	3	5	.....
Feb. 20	Consumers Power Co	Manistee	Electricity	6	4	10	.....
Feb. 20	Cota, A. E	Manistee	Custom clothing	4	.....	4	.....
Feb. 21	Crescent Candy Co	Manistee	Candy	2	3	5	.....
Feb. 16	Daniels', Chas. H. Brewery	Manistee	Beer	16	.....	16	.....
Feb. 21	Ebel, George	Manistee	Job printing	2	1	3	.....
Feb. 19	Ferguson, T. W	Manistee	Plumbing	9	1	10	.....
Feb. 25	Field, E. W	Manistee	Plumbing	4	1	5	.....
Feb. 19	Filer Fibre Co	Manistee	Pulp	84	.....	84	1
Feb. 19	Foy's Bakery	Manistee	Baked goods	4	1	5	.....
Feb. 19	Goshen Shirt Mfg. Co	Manistee	Shirts	14	195	209	11
Feb. 23	Hansen, Alfred	Manistee	Ice cream	2	1	3	.....
Feb. 19	Hornkohl's Bakery	Manistee	Baked goods	17	1	18	.....
Feb. 20	Jarka, Jos	Manistee	Flour and feed	3	.....	3	.....
Feb. 23	Johnson, August N	Manistee	Castings	28	.....	28	.....
Feb. 20	Kirster, Joseph	Manistee	Cigars	9	.....	9	.....
Feb. 19	Lloyd & Smith	Manistee	Plumbing	19	.....	19	.....
Feb. 23	Manistee Flouring Mill Co	Manistee	Flour and feed	1	.....	1	.....
Feb. 21	Manistee Iron Works Co	Manistee	Castings	246	8	254	25
Feb. 23	Manistee Laundry, The	Manistee	Laundry	4	8	12	.....
Feb. 16	Manistee Mfg. Co., The	Manistee	Furniture	66	1	67	6
Feb. 23	Manistee News-Advocate, The	Manistee	Printing	9	4	13	1
Feb. 19	Manistee & Northeastern R. R. Co	Manistee	Car repairing	70	1	71	.....
Feb. 20	Manistee Railway Co	Manistee	Passenger service	7	.....	7	.....
Feb. 23	Manistee Shoe Mfg. Co	Manistee	Shoes	16	41	57	.....
Feb. 21	Manistee Tire & Auto Co	Manistee	Vulcanizing and repairing	7	.....	7	.....
Feb. 23	Manistee Water Department	Manistee	Water	10	.....	10	.....
Feb. 20	Manthei Bros	Manistee	Blacksmithing	2	.....	2	.....
Feb. 19	Michigan East & West Ry. Co	Manistee	Ry. service & repairing	71	.....	71	.....
Feb. 20	Michigan Light Co	Manistee	Gas	4	.....	4	.....
Feb. 20	Michigan Lumber Co	Manistee	Lumber, fuel, etc	8	.....	8	.....
Feb. 23	Michigan State Telephone Co	Manistee	Telephone service	4	11	15	.....
Feb. 23	Michigan Tanning & Extract Co	Manistee	Tanning	72	.....	72	.....
Feb. 21	Michigan Volkszeitung	Manistee	Job printing	1	1	2	.....
Feb. 20	Morris, Tom	Manistee	Fuel	4	.....	4	.....
Feb. 20	Nalipinski, F. G	Manistee	Produce and feed	4	.....	4	.....
Feb. 21	Nelson, George	Manistee	Tailoring	1	1	2	.....
Feb. 20	Nelson, N. A	Manistee	Harness	1	.....	1	.....
Feb. 21	Noud Lumber Co	Manistee	Lumber	17	1	18	.....
Feb. 20	Olson Lumber Co	Manistee	Building materials	13	.....	13	.....
Feb. 21	Overpack, S. C	Manistee	Logging wheels	6	.....	6	.....
Feb. 20	Peterson, Emma S	Manistee	Millinery	.....	3	3	.....
Feb. 20	Piotrowski, Max	Manistee	Shoe repairing	2	.....	2	.....
Feb. 25	Pomeroy Bottling Works	Manistee	Soft drinks	3	1	4	.....
Feb. 20	Redman, August	Manistee	Cigars	6	.....	6	.....
Feb. 20	Robert, M	Manistee	Coal and wood	3	.....	3	.....
Feb. 21	Salt City Auto Shop	Manistee	Auto repairing	7	.....	7	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MANISTEE CO.—*Con.*						
Feb. 21	Salt City Wagon Shop	Manistee	Blacksmithing	3	.....	3	.....
Feb. 21	Sands, Louis Salt & Lumber Co	Manistee	Lumber and salt	371	1	372	3
Feb. 20	Schleif, Frank	Manistee	Harness	1	1	2	.....
Feb. 19	Schmeling Bros	Manistee	Baked goods	6	1	7	.....
Feb. 21	Seymour, John	Manistee	Fuel	3	1	4	.....
Feb. 20	Shults, J. H	Manistee	Book binding	11	8	19	.....
Feb. 20	Standard Oil Co	Manistee	Oil	3	.....	3	.....
Feb. 23	Stepka, M. W	Manistee	Tailoring	1	2	3	.....
Feb. 23	Thompson Auto Co	Manistee	Auto repairing	8	.....	8	.....
Feb. 19	Varney, C. L	Manistee	Plumbing	7	1	8	.....
Feb. 19	West Michigan Flooring Co	Manistee	Flooring	38	1	39	.....
Feb. 19	Western Union Telegraph Co	Manistee	Telegraph service	5	1	6	.....
Feb. 18	Burmeister, B	Onekama	Beans and grain	3	10	13	.....
Feb. 18	Showalter, A. L	Onekama	Repairing	5	.....	5	.....
Feb. 25	Consumers Power Co	Wellston	Electricity	3	.....	3	.....
	MARQUETTE COUNTY.						
May 17	Lake Independence Lumber Co	Big Bay	Lumber	346	.....	346	.....
Aug. 21	Little Lake Lumber Co	Forsyth	Lumber	26	1	27	.....
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	63	.....	63	.....
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	171	.....	171	.....
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	44	.....	44	.....
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	23	4	27	.....
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	16	.....	16	.....
June 21	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	236	.....	236	.....
June 11	Aetna Explosives Co., Inc	Ishpeming	High explosives	107	5	112	.....
June 16	Altschwager, J. C	Ishpeming	Blacksmithing	2	.....	2	.....
June 9	American Express Co	Ishpeming	Express service	4	.....	4	.....
June 9	Bell, George H	Ishpeming	Tailoring	2	1	3	.....
June 12	Blackney, Jas. A	Ishpeming	Plumbing	3	.....	3	.....
June 9	Brodine & Villeneuve	Ishpeming	Millinery	.....	3	3	.....
June 14	Burke, John T	Ishpeming	Livery service	7	.....	7	.....
June 12	Carlson, Carl E	Ishpeming	Shoe repairing	1	.....	1	.....
May 12	Carpenter-Cook Co	Ishpeming	Wholesale groceries	18	3	21	1
June 14	Chicago & North Western Ry. Co	Ishpeming	Car repairing	14	1	15	.....
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	13	.....	13	.....
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	120	11	131	.....
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	369	.....	369	1
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	183	.....	183	.....
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	346	.....	346	.....
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	285	.....	285	.....
June 12	Cleveland-Cliffs Iron Co., The	Ishpeming	Iron ore	115	.....	115	.....
June 11	Cloverland Candy Store, The	Ishpeming	Confectionery	2	1	3	.....
June 13	Cole, William T	Ishpeming	Boilers	7	.....	7	.....
June 12	Consolidated Fuel & Lumber Co	Ishpeming	Lumber and fuel	46	.....	46	2
June 12	Cudahy Packing Co., The	Ishpeming	Packing meats	4	.....	4	.....
June 16	Electric Shop, The	Ishpeming	Electrical supplies	2	1	3	.....
June 11	Elson's, H. W	Ishpeming	Soft drinks	3	.....	3	1
June 9	Eman & Swanson	Ishpeming	Painting and decorating	7	.....	7	2
June 15	Forell Service	Ishpeming	Auto repairing	4	.....	4	1
June 15	Geraghty, Mrs. Helen Lidberg	Ishpeming	Millinery	.....	3	3	.....
June 18	Grummett & Larson	Ishpeming	Auto repairing	4	.....	4	.....
June 19	Gustafson, J	Ishpeming	Meats	3	.....	3	.....
June 16	Harrington, Jerry	Ishpeming	Cigars	2	.....	2	.....
June 11	Hilt, Fred	Ishpeming	Meats	1	.....	1	.....
June 15	Home Industry Glove Co	Ishpeming	Gloves	1	1	2	.....
June 19	Hosking & Wills	Ishpeming	Cigars	3	.....	3	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 18 years of age.
	MARQUETTE CO.—*Con.*						
June 13	Iron Ore Printing Co	Ishpeming	Printing	11	.....	11	1
June 12	Ishpeming City Bakery	Ishpeming	Baked goods	3	1	4	1
June 15	Ishpeming Cooperative Society	Ishpeming	Meats	2	.....	2	.....
June 12	Ishpeming Creamery Co	Ishpeming	Dairy products	5	2	7	3
June 18	Ishpeming Garage	Ishpeming	Auto repairing	3	.....	3	.....
June 13	Ishpeming Livery Co., Ltd	Ishpeming	Livery service	6	.....	6	.....
June 11	Ishpeming Sausage Works	Ishpeming	Sausages	3	.....	3	.....
June 12	Ishpeming Steam Bottling Works	Ishpeming	Soft drinks	5	.....	5	2
June 18	Ishpeming Water & Highway Works	Ishpeming	Water	50	.....	50	.....
June 11	Jochim, J. W. Hardware Co	Ishpeming	Hardware	4	.....	4	.....
June 14	Jacob, Raoul	Ishpeming	Blacksmithing	2	.....	2	.....
June 14	Kettunen, A	Ishpeming	Tailoring	5	3	8	.....
June 15	Koski, Peter & Co	Ishpeming	Meats	2	.....	2	.....
June 14	Laitinen, Otto	Ishpeming	Tailoring	3	3	6	.....
June 11	LaVigne Bros	Ishpeming	Meats and groceries	2	.....	2	.....
June 11	Leffler, J. J	Ishpeming	Meats and groceries	7	1	8	1
June 9	LeRoy's Dry Cleaning Works	Ishpeming	Cleaning and dyeing	1	2	3	.....
June 18	Lindberg, Gust A	Ishpeming	Meats	4	.....	4	.....
June 16	Losselyong, Mike	Ishpeming	Coal, hay and grain	3	.....	3	1
June 14	Makinen, Karl	Ishpeming	Blacksmithing	3	.....	3	.....
June 18	Menominee River Brewing Co	Ishpeming	Beer	4	.....	4	.....
June 16	Michigan Gas & Electric Co	Ishpeming	Gas and electricity	48	2	50	.....
June 15	Michigan State Telephone Co	Ishpeming	Telephone service	5	11	16	.....
June 18	Miller Brewing Co	Ishpeming	Beer	2	.....	2	.....
June 12	Morris & Co	Ishpeming	Meats	5	.....	5	.....
June 13	Myers, A. W. Mercantile Co	Ishpeming	Meats, etc	13	8	21	.....
June 13	Needham Bros	Ishpeming	Laundry	6	19	25	1
June 14	Niemi, Abel	Ishpeming	Shoe repairing	2	.....	2	.....
June 13	Northern Leather Co	Ishpeming	Leather	3	.....	3	.....
June 14	Oliver Iron Mining Co	Ishpeming	Iron ore	388	2	390	3
June 14	Olsen, A	Ishpeming	Decorating	3	.....	3	1
June 12	Peninsular Record Pub. Co., Ltd	Ishpeming	Printing matter	4	.....	4	.....
June 15	Perttula, Nels	Ishpeming	Meats	2	.....	2	.....
June 11	Pickands, James & Co., Ltd	Ishpeming	Coal and wood	10	.....	10	4
June 11	Postal Telegraph & Cable Co	Ishpeming	Telegraph service	.....	1	1	.....
June 11	Poulos, John	Ishpeming	Confectionery	2	2	4	.....
June 9	Ramberg, E	Ishpeming	Tailoring	1	.....	1	.....
June 11	Riley, Mrs. C. T	Ishpeming	Millinery	.....	3	3	.....
June 16	Roberts, W. J	Ishpeming	Jewelry	2	1	3	.....
June 12	Ruona, K. A	Ishpeming	Soft drinks	2	.....	2	1
June 13	Sing Lee Laundry	Ishpeming	Laundry	1	.....	1	.....
June 14	Sormunen, Peter	Ishpeming	Confectionery	2	1	3	1
June 16	Standard Oil Co	Ishpeming	Oil and greases	3	.....	3	.....
June 12	Superior Bakery	Ishpeming	Baked goods	9	1	10	1
June 15	Swedish Newspaper Co	Ishpeming	Printed matter	2	3	5	.....
June 11	Swenson Bros	Ishpeming	Meats	3	.....	3	.....
June 13	Swift & Co	Ishpeming	Meats	9	.....	9	.....
June 15	Trebilcock, William	Ishpeming	Flowers	21	.....	21	.....
June 9	Trembath Bros	Ishpeming	Painting and decorating	11	1	12	.....
June 14	Verrant & Holmgren	Ishpeming	Blacksmithing	3	.....	3	.....
June 12	Wahlman Construction Co., The	Ishpeming	Contracting	17	.....	17	.....
June 11	Western Union Telegraph Co	Ishpeming	Telegraph service	3	.....	3	.....
June 18	Wills, O. T	Ishpeming	Confectionery	2	3	5	1
June 16	Yim, Chas	Ishpeming	Laundry	3	.....	3	.....
May 26	Ahsire & Palmer	Marquette	Auto repairing	5	.....	5	.....
May 28	American Express Co	Marquette	Express service	4	.....	4	.....
June 9	Anderson, Chas. J	Marquette	Meats	2	.....	2	.....
June 1	Anderson & Mellin	Marquette	Meats	2	2	4	.....
May 29	Apostle, L	Marquette	Candy	4	.....	4	.....
Aug. 13	Armour & Co	Marquette	Meats	6	.....	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MARQUETTE CO.—*Con.*						
May 26	Bernard, S. B. & Son	Marquette	Meats	3	1	4	.....
June 1	Beyer, G. T	Marquette	Meats and groceries	1	.....	1	.....
May 26	Bittner, H. E	Marquette	Harness	2	.....	2	1
Aug. 11	Bolduc, Henry	Marquette	Blacksmithing	2	.....	2	.....
May 31	Bon Ton Soda Shop	Marquette	Candy	5	.....	5	2
June 8	Brown, Mrs. Warner B	Marquette	Millinery	.....	1	1	.....
May 25	Brunner, Robert F	Marquette	Tailoring	2	1	3	.....
May 29	Bureau Bros	Marquette	Meats	5	1	6	.....
May 26	Bureau, Fred & Sons	Marquette	Baked goods	2	.....	2	.....
May 29	Burke & Levin	Marquette	Plumbing	5	.....	5	.....
June 1	Cameron Baking Co	Marquette	Baked goods	4	3	7	1
June 1	Carlson, John	Marquette	Groceries	4	.....	4	.....
May 29	Central Meat Market	Marquette	Meats	2	.....	2	.....
June 1	Chubb, Wm. H. & Son	Marquette	Meats and groceries	3	1	4	.....
May 25	Cleveland-Cliffs Iron Co., The	Marquette	Pig iron and chemicals	380	3	383	2
May 29	Cleveland-Cliffs Iron Co., The	Marquette	Iron ore	7	.....	7	.....
Aug. 13	Cleveland-Cliffs Iron Co., The	Marquette	Chemicals and pig iron	402	3	405	18
June 2	Clothes Shop, The	Marquette	Tailoring	1	1	2	.....
May 28	Cloverland Auto Co	Marquette	Auto repairing	14	.....	14	.....
May 26	Consolidated Fuel & Lumber Co	Marquette	Lumber and fuel	26	1	27	.....
May 26	Crawford Co., The	Marquette	Tailoring shop	5	1	6	.....
June 2	Donckers, F	Marquette	Candy	4	4	8	1
May 28	Dorais, Chas	Marquette	Meats and groceries	2	.....	2	.....
May 25	Dorais, William	Marquette	Meats	4	1	5	1
May 24	Duluth, South Shore & Atlantic Ry. Co	Marquette	Car service	20	1	21	1
May 31	Duluth, South Shore & Atlantic Ry. Co	Marquette	Locomotive & car repairing	301	1	302	2
May 31	Dunnebeck, F. J	Marquette	Shoe repairing	1	.....	1	.....
May 29	Dupras, Frederick	Marquette	Blacksmithing	1	.....	1	.....
June 1	Frei, Frank	Marquette	So't drinks	4	.....	4	.....
May 26	Frei's Bakery	Marquette	Baked goods	3	1	4	.....
May 24	Guelff Printing Co	Marquette	Printing	9	1	10	1
May 31	Handford, H. F	Marquette	Shoe repairing	3	.....	3	.....
June 1	Hattan, John	Marquette	Shoe repairing	2	.....	2	.....
June 1	Johnson, A	Marquette	Shoe repairing	1	.....	1	.....
May 24	Jones & Frei	Marquette	Auto repairing	8	.....	8	.....
June 8	Kind, John	Marquette	Tailoring	1	1	2	.....
June 2	King, W. J	Marquette	Hardware	2	.....	2	.....
June 1	Kivela, Frank	Marquette	Shoe repairing	2	.....	2	.....
Aug. 11	Laffkas, James	Marquette	Candy	4	.....	4	2
May 28	LaRochelle, Mme. J. H	Marquette	Millinery	1	1	2	.....
May 28	Lake Shore Engine Works	Marquette	Mining machinery	141	1	142	8
May 24	Lake Side Iron Works	Marquette	Machine repairing	2	.....	2	.....
May 25	Lake Superior Carriage Works	Marquette	Repairing	2	.....	2	.....
May 25	Lake Superior & Ishpeming Ry. Co	Marquette	Car repairing	128	.....	128	.....
May 21	Lake Superior & Ishpeming Ry. Co	Marquette	General office	22	4	26	.....
May 25	Lake Superior & Ishpeming Ry. Co	Marquette	Ore and coal	49	.....	49	.....
May 31	Lewistine, William	Marquette	Meats and groceries	2	1	3	.....
June 8	Libershal, A	Marquette	Cigars	6	3	9	.....
Aug. 11	Lindstrom & Wilson	Marquette	Meats	2	.....	2	.....
May 28	Longyear, E. J. Co	Marquette	Drills	23	1	24	.....
June 8	Marquette Art Glass Co., Inc	Marquette	Art glass works	6	.....	6	.....
June 2	Marquette Boiler & Sheet Iron Works	Marquette	Sheet iron	5	.....	5	.....
May 24	Marquette Chronicle, The	Marquette	Printed matter	12	2	14	2
June 8	Marquette City & Presque Isle Ry. Co	Marquette	Passenger service	15	2	17	.....
May 31	Marquette City Light & Power Works	Marquette	Light and power	13	.....	13	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MARQUETTE CO.—*Con.*						
May 31	Marquette City Water Works	Marquette	Water	5	.....	5	.....
May 26	Marquette Gas Light Co	Marquette	Gas	11	1	12	.....
June 2	Marquette Granite & Marble Works	Marquette	Monuments	3	1	4	.....
June 7	Marquette Launch & Motor Works	Marquette	Boats	2	.....	2	.....
June 8	Marquette Laundry & Dye Works	Marquette	Laundry	14	39	53	1
June 7	Marquette Millinery Co	Marquette	Millinery	.....	1	1	.....
Aug. 8	Marquette Trap Rock Co	Marquette	Crushed stone	30	.....	30	.....
June 7	Michigan State Telephone Co	Marquette	Telephone service	15	35	50	.....
May 29	Mining Journal Co., Ltd	Marquette	Printing	27	1	28	1
June 7	Nason, D. M	Marquette	Tailoring	2	.....	2	.....
Aug. 14	Needham Bros. & Williams	Marquette	Laundry	15	47	62	.....
June 2	Nelson, C. R	Marquette	Auto & bicycle repairing	2	.....	2	.....
May 25	Nuffer Cedar Co	Marquette	Lumber	36	1	37	8
May 25	Oakland Garage	Marquette	Auto repairing	2	.....	2	.....
May 18	Pickands, James & Co., Ltd	Marquette	Coal	39	1	40	.....
June 7	Pierce & Dufour	Marquette	Meats	3	.....	3	.....
Aug. 11	Pomeroy, James	Marquette	Blacksmithing	1	.....	1	.....
June 2	Pong Lee, The	Marquette	Laundry	4	.....	4	.....
Aug. 11	Postal Telegraph-Cable Co	Marquette	Telegraph service	4	.....	4	2
Aug. 11	Quarters, Fred	Marquette	Blacksmithing	1	.....	1	.....
June 2	Queen City Bakery	Marquette	Baked goods	7	1	8	.....
May 28	Queen City Market	Marquette	Meats	2	1	3	.....
June 7	Queen City Shoe Hospital	Marquette	Shoe repairing	2	.....	2	.....
May 29	Resnick, I	Marquette	Tailoring	2	1	3	.....
June 9	Roach & Seeber Co	Marquette	Produce	5	.....	5	.....
June 9	Ruecker, E	Marquette	Tailoring	1	.....	1	.....
May 31	Rustenhoven, Martin	Marquette	Meats and groceries	2	1	3	.....
May 25	Sambrook, F. W. & Son	Marquette	Lumber	20	.....	20	.....
May 25	Schneider & Brown Lumber Co	Marquette	Lumber	118	1	119	10
May 26	Schoch & Hallam	Marquette	Jewelry	2	2	4	.....
May 31	Sink, E. J	Marquette	Gas fitting	6	.....	6	.....
June 8	Smith's Millinery	Marquette	Millinery	.....	3	3	.....
June 1	Sorensen Greenhouses, The	Marquette	Flowers	2	1	3	.....
June 7	Spear, F. B. & Sons	Marquette	Coal	34	.....	34	1
May 25	Standard Oil Co	Marquette	Oil	4	.....	4	.....
May 28	Stenglein Bindery, The	Marquette	Book binding	3	1	4	.....
May 24	Stensrud, Herman	Marquette	Plumbing	4	1	5	.....
June 1	Swanson Hardware Co	Marquette	Plumbing	4	.....	4	.....
June 1	Tauch, E. R	Marquette	Flowers	3	1	4	.....
June 9	Trethewey, J. E	Marquette	Decorating, etc	7	1	8	.....
May 26	Trotochaud, W. N	Marquette	Harness	2	.....	2	1
June 2	Upper Peninsula Brewing Co	Marquette	Beer	20	2	22	1
June 8	Van Chesteing, J. B	Marquette	Ladies' garments	1	3	4	.....
June 7	Walton, J. L	Marquette	Merchant tailoring	5	1	6	.....
May 26	Western Express Co	Marquette	Express service	4	.....	4	.....
May 31	Western Union Telegraph Co., The	Marquette	Telegraph service	9	1	10	6
Aug. 11	White, Andrew	Marquette	Shoe repairing	3	.....	3	.....
May 26	Williams, William	Marquette	Meats	4	2	6	.....
May 26	Zalk, Jos	Marquette	Furniture	2	1	3	.....
Aug. 21	Muck, E. G	Michigamme	Meats and groceries	4	.....	4	.....
Jan. 4	Munro Iron Mining Co	Michigamme	Iron ore	94	.....	94	.....
June 18	Athens Mining Co	Negaunee	Iron ore	55	.....	55	.....
Aug. 15	Barasa, Peter F	Negaunee	Plumbing	13	.....	13	.....
June 20	Bellstrom, Alfred & Son	Negaunee	Bicycle repairing	3	.....	3	.....
June 20	Bice, A. J	Negaunee	Candy	2	.....	2	1
Aug. 16	Breitung Hematite Mining Co	Negaunee	Iron ore	272	.....	272	.....
June 20	Castello, Mike	Negaunee	Shoe repairing	1	.....	1	.....
June 19	Chevrette, Peter	Negaunee	Blacksmithing	2	.....	2	.....
June 23	City Garage	Negaunee	Auto repairing	2	.....	2	1
June 18	Cleveland-Cliffs Iron Co., The	Negaunee	Iron ore	276	.....	276	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MARQUETTE CO.—*Con.*						
June 18	Cleveland-Cliffs Iron Co., The	Negaunee	Iron ore	13	.....	13	.....
June 20	Collins, T. L.	Negaunee	Meats and groceries	6	.....	6	.....
June 23	Consolidated Fuel & Lumber Co.	Negaunee	Lumber and fuel	14	.....	14	.....
June 21	Drobny, Joseph	Negaunee	Meats	2	.....	2	.....
June 21	Elliott & Dawe	Negaunee	Hardware	10	1	11	.....
Aug. 15	Erickson, A.	Negaunee	Confectionery	2	.....	2	.....
June 20	Farson, S. A.	Negaunee	Plumbing	4	1	5	.....
June 20	Hansen & Sons	Negaunee	Meats and groceries	6	.....	6	.....
June 21	Ikkela, J. N.	Negaunee	Blacksmithing	2	.....	2	.....
June 19	Independent Lumber & Coal Co.	Negaunee	Lumber, coal and feed	8	.....	8	.....
June 21	Jacobson, John	Negaunee	Custom clothing	3	1	4	.....
June 21	Johnson, Herman	Negaunee	Shoe repairing	1	.....	1	.....
June 22	King, Arthur R.	Negaunee	Tailoring	1	.....	1	.....
June 21	Kokko & Lofgren	Negaunee	Baked goods	8	2	10	2
June 21	Leisen & Henes Brewing Co.	Negaunee	Beer	2	.....	2	.....
June 21	Lucas, H. N.	Negaunee	Blacksmithing	1	.....	1	.....
June 21	Lucas Bros.	Negaunee	Passenger service	2	.....	2	.....
Aug. 16	Makki, John	Negaunee	Tailoring	2	.....	2	.....
June 21	Marletti, Nicholas	Negaunee	Shoe repairing	2	.....	2	.....
Aug. 16	Mary Charlotte Mining Co.	Negaunee	Iron ore	425	.....	425	.....
Aug. 16	Michigan Gas & Electric Co.	Negaunee	Gas and electricity	59	2	61	2
June 22	Michigan State Telephone Co.	Negaunee	Telephone service	2	8	10	.....
June 20	Muck, F. J. & Son	Negaunee	Meats and groceries	2	.....	2	.....
June 22	Muinonen, Hiskias	Negaunee	Shoe repairing	2	.....	2	.....
June 23	Muck, H. G.	Negaunee	Meats and groceries	3	1	4	.....
June 20	Negaunee Electric Light & Water Wks.	Negaunee	Light and water	30	.....	30	.....
June 22	Negaunee Garage	Negaunee	Auto repairing	3	.....	3	.....
June 22	Negaunee Greenhouses	Negaunee	Flowers	3	.....	3	.....
June 18	Negaunee Mine	Negaunee	Iron ore	364	.....	364	.....
Aug. 15	Negaunee Printing Co.	Negaunee	Printing	5	.....	5	.....
June 22	New Candy Kitchen	Negaunee	Candy	2	.....	2	.....
June 19	New Home Bakery	Negaunee	Baked goods	2	1	3	.....
June 22	Northey Bros.	Negaunee	Cigars	2	.....	2	.....
June 21	Oliver Iron Mining Co.	Negaunee	Iron ore	150	.....	150	.....
June 20	Olympia Candy Co.	Negaunee	Candy	3	.....	3	1
Aug. 15	Pabst Brewing Co.	Negaunee	Beer	7	.....	7	.....
June 20	Petersen & Willers	Negaunee	Tailoring	2	3	5	.....
June 22	Pickands, James & Co., Ltd.	Negaunee	Fuel	2	.....	2	.....
June 21	Reichel, John	Negaunee	Electrical supplies	1	.....	1	.....
June 20	Republic Iron & Steel Co.	Negaunee	Iron ore	139	.....	139	.....
June 19	Ritala, Jacob	Negaunee	Shoe repairing	2	.....	2	.....
June 20	Sgro, Frank	Negaunee	Shoe repairing	1	.....	1	.....
June 21	Smith, Mrs. M. L.	Negaunee	Millinery	.....	3	3	.....
June 21	Storey, Albert E.	Negaunee	Blacksmithing	1	.....	1	.....
June 20	Swanson Bros.	Negaunee	Plumbing	5	1	6	.....
June 21	Thomas, S. S.	Negaunee	Meats and groceries	5	.....	5	.....
June 20	Torreano, Jos. A.	Negaunee	Baked goods	2	1	3	.....
June 23	Trotochaud, Godfrey	Negaunee	Harness	1	.....	1	.....
June 20	Vuori & Nurmi	Negaunee	Tailoring	5	2	7	.....
June 22	Winter & Suess	Negaunee	Meats and groceries	22	3	25	.....
June 23	Yuen, Sing	Negaunee	Laundry	3	.....	3	.....
Aug. 17	Cascade Mining Co.	Palmer	Iron ore	134	.....	134	.....
Aug. 17	Empire Iron Co.	Palmer	Iron ore	65	.....	65	.....
Aug. 17	Maitland Mining Co.	Palmer	Iron ore	17	.....	17	.....
July 17	Richmond Iron Co.	Palmer	Iron ore	95	.....	95	6
Aug. 20	Oliver Iron Mining Co.	Princeton	Iron ore	36	.....	36	.....
Aug. 22	Cleveland-Cliffs Iron Co., The	Republic	Iron ore	244	.....	244	.....
Aug. 22	Laforias & Gustafson	Republic	Meats	3	1	4	.....
Aug. 22	Utberg, J. O.	Republic	Meats	3	1	4	.....
Aug. 22	Van Dyck, Alphons	Republic	Meats	3	1	4	1
Aug. 22	Vierela, Fred	Republic	Meats	1	1	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MASON COUNTY						
May 10	Bailey, J. F	Custer	Blacksmithing	2	.....	2	.....
May 10	Bailey & Osborne	Custer	Blacksmithing	2	.....	2	.....
May 10	Briggs, E. M. & Son	Custer	Building material	3	.....	3	.....
May 10	Custer Milling Co	Custer	Flour and feed	2	.....	2	.....
May 10	Fager, E	Custer	Produce	2	.....	2	.....
May 11	Booth-Schoneherr Co	Fountain	Building material	3	.....	3	.....
May 11	Boughner, W. W	Fountain	Produce	5	17	22	.....
May 2	Abair, George	Ludington	Coal and lumber	6	1	7	.....
April 7	Abrahamson, H	Ludington	Decorating	6	.....	6	.....
April 16	Abrahamson, Martin	Ludington	Feed, etc	10	1	11	.....
April 9	American Laundry	Ludington	Laundry	3	3	6	.....
April 3	Anderson, R. J	Ludington	Harness	2	.....	2	.....
April 18	Ayers, O. S	Ludington	Plumbing	2	.....	2	.....
April 6	Beebe, H. C	Ludington	Cement blocks	1	.....	1	.....
April 6	Boersma, J. S	Ludington	Plumbing	5	1	6	.....
April 14	Bowne, Geo	Ludington	Blacksmithing	1	.....	1	.....
April 24	Carrom Co., The	Ludington	Woodwork	148	17	165	21
April 11	Cartier Auto Co	Ludington	Auto repairing	7	1	8	.....
April 28	Cartier, A. E. Sons Co	Ludington	Furniture	69	3	72	.....
April 6	Caswell, Chas. C	Ludington	Monuments	1	.....	1	.....
April 9	City Bakery	Ludington	Baked goods	10	1	11	.....
April 10	Conrad, Parsons & Co	Ludington	Wall paper	11	1	12	.....
April 10	Fath, H. P	Ludington	Machine repairing	2	.....	2	.....
April 5	Findling Garage	Ludington	Auto repairing	2	.....	2	.....
April 14	Fourth Ward Garage	Ludington	Auto repairing	1	.....	1	.....
April 3	Ford Garage, The	Ludington	Auto repairing	2	.....	2	.....
April 24	Gile Tractor & Engine Co	Ludington	Tractors and engines	117	5	122	.....
April 9	Hallett, H. M	Ludington	Silver polish	2	1	3	.....
April 23	Handy Things Mfg. Co	Ludington	Hardware, etc	34	16	50	2
April 11	Hansen, Edith	Ludington	Millinery	.....	2	2	.....
April 14	Hansen, Otto & Rasmussen	Ludington	Blacksmithing	3	.....	3	.....
April 23	Haskell Mfg. Co	Ludington	Canoes	16	.....	16	.....
April 7	Hasse, James	Ludington	Hay, feed and grain	2	.....	2	.....
April 5	Hoglund, A. W	Ludington	Snuff	1	.....	1	.....
April 12	Hoover, Wm. & Son	Ludington	Wagon repairing	2	.....	2	.....
April 6	Hunter, W. J	Ludington	Cement blocks	3	.....	3	.....
April 5	Industrial Iron Works	Ludington	Machine repairing	5	.....	5	.....
April 17	Johnson Bros	Ludington	Coal	5	1	6	.....
April 3	Johnson, Nels & Son	Ludington	Merchant tailoring	2	2	4	.....
April 9	Kanouse, E	Ludington	Cigars	3	.....	3	.....
April 11	Knebl, Joseph	Ludington	Cleaning and pressing	3	2	5	.....
April 12	Krause Tire & Repair Co	Ludington	Vulcanizing	1	.....	1	.....
April 6	Kuppers Exclusive Cloak Store	Ludington	Ladies' tailoring	1	2	3	.....
April 21	Kupper & Homel	Ludington	Work shirts	1	15	16	.....
April 3	Lagesen, J	Ludington	Baked goods	4	.....	4	.....
April 10	Lakeside Printing Co., The	Ludington	Job printing	3	5	8	.....
April 3	Larsen & Hansen	Ludington	Blacksmithing	3	.....	3	.....
April 3	Lexen, Otto	Ludington	Merchant tailoring	2	.....	2	.....
April 23	Lubesky Bros. & Kleiner	Ludington	Cigars	3	74	77	1
May 2	Lunde Boat Building Co	Ludington	Boats	5	.....	5	.....
April 12	Ludington Auto & Supply Co	Ludington	Auto repairing	3	.....	3	.....
April 16	Ludington Basket Co	Ludington	Fruit packages	13	.....	13	.....
April 10	Ludington Chronicle, The	Ludington	Printing	4	3	7	1
April 14	Ludington Daily News, The	Ludington	Printing	6	7	13	.....
April 5	Ludington Garment Mfg. Co	Ludington	Work shirts	4	42	46	1
April 6	Ludington Gas Co	Ludington	Gas	4	1	5	.....
April 7	Ludington Lumber Co	Ludington	Building material	6	1	7	.....
April 7	Ludington Milling Co	Ludington	Flour and feed	2	.....	2	.....
April 7	Ludington Plumbing Co	Ludington	Plumbing and heating	3	1	4	.....
April 9	Ludington Water Department	Ludington	Water	7	1	8	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MASON CO.—*Con.*						
April 11	McDonald's Bakery	Ludington	Baked goods	5	2	7	.....
April 9	McKenzie, Mrs. D. W	Ludington	Millinery	.....	2	2	.....
April 12	Malóney, J. H	Ludington	Blacksmithing	1	.....	1	.....
April 5	Miller Garage	Ludington	Auto repairing	3	.....	3	.....
April 14	Morton Salt Co	Ludington	Salt	157	1	158	.....
April 11	Nielsen, N. P	Ludington	Blacksmithing	1	.....	1	.....
April 26	Pere Marquette R. R. Co	Ludington	Freight	112	2	114	.....
April 16	Pere Marquette R. R. Co	Ludington	Engine repairing	22	.....	22	.....
April 3	Peters, G	Ludington	Harness	1	.....	1	.....
April 7	Peterson, Mollie	Ludington	Millinery	.....	3	3	.....
April 6	Pollard, A	Ludington	Plumbing	1	.....	1	.....
April 7	Pomeroy, Paul Bottling Works	Ludington	Soft drinks	2	1	3	.....
April 3	Rohrmoser, Wm	Ludington	Merchant tailoring	3	.....	3	.....
April 5	Schrink, H. C. & Son	Ludington	Ice cream	3	1	4	.....
April 16	Standard Oil Co	Ludington	Oils and greases	3	.....	3	.....
April 10	Star Laundry	Ludington	Laundry	1	4	5	.....
April 23	Star Watch Case Co	Ludington	Watch cases	157	87	244	.....
April 25	Stearns Light & Power Co	Ludington	Light and power	12	2	14	.....
May 6	Stearns Salt & Lumber Co., The	Ludington	Salt and lumber	376	29	405	1
April 16	Stewart Bros	Ludington	Cigars	3	3	6	.....
April 11	Svoboda, Frank	Ludington	Merchant tailoring	2	.....	2	.....
April 6	Taylor, C. H	Ludington	Shoe repairing	1	.....	1	.....
April 10	Toggery, The	Ludington	Tailoring	4	.....	4	.....
April 11	Travis Millinery Co	Ludington	Millinery	.....	4	4	.....
April 7	XXth Century Sheet Metal Works	Ludington	Sheet metal	1	.....	1	.....
April 9	United Home Telephone Co., The	Ludington	Telephone service	7	15	22	.....
April 13	Vorce & McIntosh	Ludington	Fuel and ice	8	.....	8	.....
April 5	Walle & Johnson Garage Co	Ludington	Auto repairing	2	.....	2	.....
April 11	Widmark Lumber Co., The	Ludington	Building materials	7	1	8	.....
April 10	Williams, Joseph	Ludington	Electrical supplies	1	.....	1	.....
April 28	Wooden Wonder Works	Ludington	Wooden novelties	.....	4	4	.....
May 17	Luther Milling Co	Luther	Flour	2	.....	2	.....
May 15	Alpha Creamery, The	Scottville	Dairy products	4	.....	4	.....
May 15	Lair, Chas	Scottville	Blacksmithing	1	.....	1	.....
May 15	Roach, W. R. & Co	Scottville	Canned goods	21	8	29	.....
May 15	Robinson Auto Co	Scottville	Auto repairing	4	1	5	.....
May 15	Scottville Enterprise, The	Scottville	Printing	4	2	6	.....
May 15	Scottville Flour Mills	Scottville	Flour and feed	3	.....	3	.....
May 15	Scottville Garage & Auto Co	Scottville	Auto repairing	3	.....	3	.....
May 15	Scottville Lumber Co	Scottville	Building material	3	.....	3	.....
May 15	Scottville Produce Co	Scottville	Produce	5	4	9	.....
May 15	Smith, T. D	Scottville	Auto repairing	4	1	5	.....
May 15	Stone, A	Scottville	Blacksmithing	2	.....	2	.....
May 15	Talmage, M	Scottville	Plumbing	1	.....	1	.....
May 15	Tracy, Miss L. S	Scottville	Millinery	.....	2	2	.....
	MECOSTA COUNTY.						
April 9	Barryton Creamery	Barryton	Butter	2	.....	2	.....
April 9	Barryton Electric Light & Power Co	Barryton	Light and power	1	.....	1	.....
April 9	Barryton Grain Co	Barryton	Grain and beans	3	13	16	.....
April 9	Barryton Press, The	Barryton	Printed matter	2	.....	2	.....
April 9	Hunt, F. R	Barryton	Lumber	7	.....	7	.....
April 9	Hunt, F. B. & Son	Barryton	Auto repairing	2	.....	2	.....
April 9	Mackersie Bros	Barryton	Meats	2	.....	2	.....
April 9	Williams Bros	Barryton	Grain	3	.....	3	.....
Mar. 3	Adams Express Co	Big Rapids	Express service	3	1	4	.....
Mar. 3	Anderson, C. E	Big Rapids	Plumbing	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MECOSTA CO.—*Con.*						
Mar. 29	Anderson, Theo	Big Rapids	Plumbing	2	.....	2	.....
Mar. 30	Big Rapids Broom Co	Big Rapids	Brooms	3	19	22	.....
Mar. 30	Big Rapids Electric Co	Big Rapids	Light and power	6	1	7	.....
Mar. 26	Big Rapids Furniture Mfg. Co	Big Rapids	Furniture	47	1	48	.....
Mar. 27	Big Rapids Garage	Big Rapids	Auto repairing	4	.....	4	.....
Mar. 3	Big Rapids Gas Co	Big Rapids	Light and heat	6	.....	6	.....
Mar. 29	Binney Machine Works	Big Rapids	Machine repairing	4	.....	4	.....
Mar. 30	Big Rapids Pioneer-Herald, The	Big Rapids	Printed matter	9	6	15	1
April 12	Carlton's Market	Big Rapids	Meats	2	.....	2	.....
Mar. 29	City Bakery	Big Rapids	Baked goods	7	3	10	.....
Mar. 3	City Shoe Hospital	Big Rapids	Shoe repairing	1	.....	1	.....
Mar. 27	City Laundry, The	Big Rapids	Laundry	6	13	19	.....
Mar. 3	Consumers Power Co	Big Rapids	Light and power	3	1	4	.....
April 12	Consumers Power Co	Big Rapids	Light and power	3	.....	3	.....
Mar. 4	Cooley, A	Big Rapids	Grain and produce	2	.....	2	.....
Mar. 3	Cooper, Frank S	Big Rapids	Blacksmithing	3	.....	3	.....
Mar. 29	Darrah Milling Co	Big Rapids	Flour and feed	9	.....	9	.....
Mar. 29	Dominion Cigar Co	Big Rapids	Cigars	2	1	3	.....
Mar. 26	Falcon Mfg. Co	Big Rapids	Furniture	50	2	52	2
Mar. 30	Four Drive Tractor Co., The	Big Rapids	Tractors	17	1	18	.....
Mar. 3	Frederick, Eli	Big Rapids	Blacksmithing	2	.....	2	.....
Mar. 26	Freiberg, Geo. J	Big Rapids	Clothing	1	1	2	.....
Mar. 26	Hanchett Swage Works	Big Rapids	Machinery	100	1	101	.....
April 12	Hangstafer, J. C. & Co	Big Rapids	Meats	3	.....	3	.....
April 12	Hangstafer, Chas	Big Rapids	Meats	2	.....	2	.....
Mar. 26	Hood & Wright	Big Rapids	Veneer	44	.....	44	1
Mar. 29	Jensens, The	Big Rapids	Shoe repairing	3	.....	3	.....
Mar. 28	Jones & Green	Big Rapids	Flooring	33	.....	33	.....
Mar. 30	Judson, C. P. & Co	Big Rapids	Plumbing	4	.....	4	.....
Mar. 26	Lange, Frank H	Big Rapids	Tailoring	5	.....	5	.....
Mar. 27	Lewellyn Bean Co	Big Rapids	Beans	17	80	97	.....
Mar. 27	Luce-Redmond Chair Co	Big Rapids	Chairs	56	.....	56	2
April 12	Mecosta County Mills	Big Rapids	Flour and feed	2	.....	2	.....
Mar. 30	Merritt Garage	Big Rapids	Auto repairing	2	.....	2	.....
Mar. 28	Michigan Cigar Co	Big Rapids	Cigars	4	5	9	.....
April 12	Michigan State Telephone Co	Big Rapids	Telephone service	3	10	13	.....
Mar. 28	Miles & Buck	Big Rapids	Cigars	4	1	5	.....
Mar. 3	Model Bakery, The	Big Rapids	Baked goods	3	2	5	.....
Mar. 28	Model Cooperative Creamery Assn	Big Rapids	Butter	4	.....	4	.....
Mar. 3	Morton Garage	Big Rapids	Auto repairing	3	.....	3	.....
Mar. 28	Murphy, C	Big Rapids	Grain	1	.....	1	.....
Mar. 28	Puritan Dry Cleaners	Big Rapids	Dry cleaning	3	1	4	.....
Mar. 29	Rau Bros	Big Rapids	Meats	3	.....	3	.....
Mar. 26	Smith, S. S	Big Rapids	Meats	2	.....	2	.....
Mar. 29	Stewart, R. C	Big Rapids	Monuments	3	.....	3	.....
Mar. 29	Stimson, Lester J	Big Rapids	Beans	5	7	12	.....
Mar. 28	Ward Bros	Big Rapids	Flooring	76	.....	76	.....
Mar. 28	Ward Lumber & Coal Co	Big Rapids	Lumber and coal	6	.....	6	.....
April 10	Mecosta News, The	Mecosta	Printed matter	1	1	2	.....
April 13	Roberts Bros	Mecosta	Flour and feed	2	.....	2	.....
April 10	Shantz, A. M	Mecosta	Grain and beans	3	15	18	.....
April 13	Stout & Butler	Millbrook	Beans	3	5	8	.....
April 11	Morley Garage	Morley	Auto repairing	3	.....	3	.....
April 11	Pettie, J. B	Morley	Beans and produce	3	.....	3	.....
April 11	Weeks Bros	Morley	Blacksmithing	2	.....	2	.....
April 10	Ariss, John & Son	Remus	Meats	3	.....	3	.....
April 10	Briggs, Geo. H. & A. K	Remus	Printed matter	1	1	2	.....
April 10	Mansfield, D. & Co	Remus	Grain and beans	7	23	30	1
April 10	Remus Cooperative Creamery Co	Remus	Dairy products	2	.....	2	.....
April 10	Weis, F. A	Remus	Blacksmithing	2	.....	2	.....
April 13	Mansfield, D. & Co	Rodney	Beans	3	1	4	.....
Mar. 4	Waddell Bros	Stanwood	Grain and produce	3	1	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MENOMINEE COUNTY.						
Jan. 23	Daggett Creamery, The	Daggett	Dairy products	4	.....	4	.....
Jan. 23	Daggett & Garden Produce Co	Daggett	Grain	3	.....	3	.....
Jan. 23	Keener, M. R	Daggett	Meats	2	.....	2	.....
Jan. 23	Palm Bros	Daggett	Blacksmithing	3	.....	3	.....
Jan. 23	Wisconsin Land & Lumber Co	Hermansville	Forest products	332	1	333	9
Jan. 23	Baril, Jos	Ingalls	Blacksmithing	2	.....	2	.....
Jan. 23	Carley, Ira	Ingalls	Lumber	21	.....	21	.....
Jan. 23	DeMille, Henry	Ingalls	Blacksmithing	2	.....	2	.....
Jan. 23	Maple Grove Cheese Factory	Ingalls	Dairy products	2	.....	2	.....
Jan. 19	Albright's Bakery	Menominee	Baked goods	5	1	6	.....
Jan. 18	American Express Co	Menominee	Express service	4	1	5	.....
Jan. 19	Anderson, Anton C	Menominee	Blacksmithing	3	.....	3	.....
Jan. 19	Auto Service Co	Menominee	Auto repairing	7	1	8	.....
Jan. 19	Beutel Fisheries Co	Menominee	Fish	2	.....	2	.....
Jan. 18	Board of Public Works	Menominee	Water	9	.....	9	.....
Jan. 22	Bothwell, D. G. Lumber & Cedar Co	Menominee	Lumber	48	.....	48	.....
Jan. 19	Carpenter, Cook Co	Menominee	Wholesale groceries	32	10	42	.....
Jan. 19	Carpenter, Cook Co	Menominee	Produce	13	1	14	.....
Jan. 21	Central West Coal Co	Menominee	Coal	33	1	34	.....
Jan. 18	Christophersen & Amundsen	Menominee	Jewelry	2	.....	2	.....
Jan. 22	Crawford Cedar Co	Menominee	Cedar products	39	2	41	.....
Jan. 22	Crawford Mfg. Co	Menominee	Box shooks	39	1	40	7
Jan. 18	Dittmore, Gus	Menominee	Passenger service	5	.....	5	.....
Jan. 18	Dormer Co., The	Menominee	Fish	14	1	15	.....
Jan. 18	Egger & Seidl	Menominee	Meats	3	.....	3	.....
Jan. 19	Filip, Joseph	Menominee	Shoe repairing	2	.....	2	.....
Jan. 19	Fisher Box Co	Menominee	Paper boxes	11	11	22	.....
Jan. 22	Ford Garage	Menominee	Auto repairing	5	1	6	.....
Jan. 22	Gibout, L. E	Menominee	Sash and doors	5	.....	5	.....
Jan. 22	Gregory, W. B	Menominee	Job printing	4	.....	4	1
Jan. 19	Grignon, Mrs. A. D	Menominee	Millinery	.....	2	2	.....
Jan. 18	Gosling, John	Menominee	Candy	3	3	6	.....
Jan. 22	Harter, Philip	Menominee	Shoes	3	.....	3	.....
Jan. 18	Helm, Lou	Menominee	Custom tailoring	4	.....	4	.....
Jan. 19	Henes & Keller Co	Menominee	Machinery	33	.....	33	.....
Jan. 22	Kartheiser, Frank N	Menominee	Lumber	4	.....	4	.....
Jan. 22	Kreux Bros	Menominee	Meats	3	.....	3	.....
Jan. 18	Lee, Jin	Menominee	Laundry	3	.....	3	.....
Jan. 19	Leisen & Henes Brewing Co	Menominee	Beer	19	.....	19	.....
Jan. 22	Lloyd Mfg. Co., The	Menominee	Baby carriages	214	112	326	14
Jan. 22	Mansfield, Walter C	Menominee	Lumber	16	.....	16	.....
Jan. 19	Martensen Bros	Menominee	Blacksmithing	4	.....	4	.....
Jan. 22	Marinette & Menominee Paper Co	Menominee	Paper	151	12	163	.....
Jan. 22	Menominee Boiler Works	Menominee	Boilers	17	.....	17	.....
Jan. 22	Menominee Bottling Works	Menominee	Soft drinks	3	.....	3	.....
Jan. 22	Menominee Electric Mfg. Co	Menominee	Electric supplies	210	84	294	12
Jan. 19	Menominee Herald Leader	Menominee	Printing	23	8	31	3
Jan. 18	Menominee & Marinette Light & Traction Co	Menominee	Electricity	42	5	47	20
Jan. 18	Menominee & Marinette Light & Traction Co	Menominee	Electricity	5	.....	5	.....
Jan. 18	Menominee & Marinette Light & Traction Co	Menominee	Gas	6	.....	6	.....
Jan. 18	Menominee & Marinette Light & Traction Co	Menominee	Passenger service	40	.....	40	.....
Jan. 22	Menominee Motor Truck Co	Menominee	Trucks	61	4	65	.....
Jan. 18	Menominee Plumbing & Heating Co	Menominee	Plumbing	3	1	4	.....
Jan. 19	Menominee Potash Co	Menominee	Potash	5	.....	5	.....
Jan. 19	Menominee River Auto Co	Menominee	Auto repairing	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MENOMINEE CO.—*Con.*						
Jan. 22	Menominee River Brewing Co	Menominee	Beer	27		27	
Jan. 19	Menominee River Sugar Co	Menominee	Sugar	221	2	223	6
Jan. 22	Menominee Saw Co	Menominee	Saws	6	1	7	
Jan. 22	Menominee Steam Laundry	Menominee	Laundry	2	6	8	
Jan. 19	Michigan Candy Co., The	Menominee	Candy	2	18	20	1
Jan. 19	Michigan Coffee & Spice Co	Menominee	Coffee and spices	2	6	8	1
Jan. 22	Michigan Electrochemical Co	Menominee	Chemicals	67	1	68	
Jan. 19	Michigan Refining & Preserving Co	Menominee	Fruits and pickles	30	33	63	
Jan. 21	Michigan State Telephone Co	Menominee	Telephone service	6	14	20	
Jan. 18	Market, Z. & H	Menominee	Meats	3		3	
Jan. 19	National Bakery, The	Menominee	Baked goods	4	1	5	
Jan. 19	Northern Hardware & Supply Co	Menominee	Hardware	20	6	26	
Jan. 19	Nowack, F. C. Co., The	Menominee	Ice and coal	13		13	
Jan. 22	Prescott Co., The	Menominee	Machinery	192	4	196	5
Jan. 19	Ranney Fish Co., The	Menominee	Fish	3		3	
Jan. 18	Riley & Seidl	Menominee	Machinery	5	1	6	
Jan. 19	Roper, J. R	Menominee	Lath and shingles	14	2	16	
Jan. 22	Schmidt, H. P	Menominee	Baked goods	4	1	5	
Jan. 18	Simpson, William	Menominee	Hardware	5		5	
Jan. 22	Spies-Thompson Lumber Co	Menominee	Lumber	100		100	
Jan. 22	Sporrer Bros	Menominee	Meats and groceries	5		5	
Jan. 18	Square Peoples House Furniture Co	Menominee	House furnishings	13	2	15	
Jan. 18	Star Laundry	Menominee	Laundry	2	4	6	
Jan. 18	Stiles, John	Menominee	Cigars	3		3	
Jan. 18	Stryker, A. B	Menominee	Cigars	4		4	
Jan. 18	Thomsen Bros	Menominee	Repairing	6		6	
Jan. 22	Twin City Packing Co	Menominee	Meats	18		18	
Jan. 18	Wachowisk, F. A	Menominee	Custom tailoring	6		6	
Jan. 19	Wells, J. W. Lumber Co	Menominee	Lumber	360	2	362	5
Jan. 18	Wescher, Frank	Menominee	Plumbing	7	1	8	
Jan. 19	Whitton, Chas	Menominee	Auto repairing	3	1	4	
Jan. 18	Western Union Telegraph Co., The	Menominee	Telegraph service	4	1	5	2
Jan. 23	Gunville, J. A	Powers	Meats	3		3	
Jan. 23	Powers-Spalding Tribune, The	Powers	Printing	1	2	3	
Jan. 23	Duquaine, Wm	Spalding	Blacksmithing	1		1	
Jan. 23	Journal, The	Stephenson	Printed matter	3	2	5	1
Jan. 23	Nordquist, Oscar	Stephenson	Auto repairing	3		3	
Jan. 23	Stephenson Creamery	Stephenson	Dairy products	2		2	
Jan. 23	Stephenson Livery, The	Stephenson	Passenger service	3		3	
Jan. 23	Winters, W. B	Stephenson	Blacksmithing	3		3	
	MIDLAND COUNTY.						
Oct. 24	Battle, James F	Coleman	Auto repairing	2		2	
Oct. 24	Coleman Elevator Co	Coleman	Grain and beans	2	37	39	
Oct. 24	Coleman Independent	Coleman	Printing	2		2	
Oct. 24	Farmers Cooperative Co	Coleman	Dairy products	1		1	
Oct. 24	Hursh & Son	Coleman	Grain and beans	3		3	
Oct. 24	Muller, E. B. & Co	Coleman	Chicory	10	1	11	
Oct. 24	Owens, E. A	Coleman	Blacksmithing	1		1	
Oct. 24	See, N. G	Coleman	Dairy products	1		1	
Oct. 23	American Bromine Co	Midland	Chemicals	12	1	13	1
Oct. 23	American Dry Cleaning Co	Midland	Dry cleaning	1	1	2	
Oct. 23	Beacom, Mrs. H. W	Midland	Millinery		1	1	
Oct. 22	Beckerson, E. & Son	Midland	Passenger service	3		3	
Oct. 22	Brown, Chas	Midland	Lumber	8		8	
Oct. 22	Brown, Orin	Midland	Blacksmithing	3		3	1
Oct. 24	Deagostino, Joseph	Midland	Shoe repairing	2		2	

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MIDLAND CO.—*Con.*						
Oct. 23	Dow Chemical Co., The	Midland	Chemicals	1,609	17	1,626	15
Oct. 22	Granes Bakery	Midland	Baked goods	3	.....	3	.....
Oct. 23	Grinnell Printery, The	Midland	Printing	1	.....	1	.....
Oct. 22	Krake, Mrs. S. L.	Midland	Millinery	.....	2	2	.....
Oct. 23	McCartney, Earl	Midland	Auto repairing	4	.....	4	.....
Oct. 24	Midland Cooperative Association	Midland	Grain and beans	3	24	27	.....
Oct. 22	Midland Iron Works	Midland	Castings	10	.....	10	.....
Oct. 22	Midland Republican, The	Midland	Printing	5	1	6	.....
Oct. 23	Midland Water Works	Midland	Water	1	.....	1	.....
Oct. 22	Orr Bean & Grain Co	Midland	Grain and beans	5	29	34	.....
Oct. 23	Oviatt, C. G.	Midland	Baked goods	5	4	9	1
Oct. 22	Spagnuolo, Sam	Midland	Candy	1	.....	1	.....
Oct. 22	Spencer & Heinzelman	Midland	Plumbing	9	1	10	.....
Oct. 23	Towar Wayne County Creamery	Midland	Dairy products	1	.....	1	.....
Oct. 22	Vasold Bros. & Co	Midland	Butter	3	.....	3	.....
Oct. 22	Venner Auto Co., The	Midland	Auto repairing	6	.....	6	.....
Oct. 24	Allswede, W. H	Sanford	Grain and beans	2	18	20	.....
	MISSAUKEE COUNTY.						
Jan. 19	Cadillac Chemical Co	Jennings	Chemicals	41	.....	41	.....
Feb. 15	Anton Iverson Glove Co., The	Lake City	Canvas gloves	2	10	12	.....
Feb. 15	Electric Light & Water Co	Lake City	Light and water	3	.....	3	.....
Feb. 15	Lake City Creamery Co	Lake City	Butter	2	.....	2	.....
Feb. 15	Lake City Hardware Co	Lake City	Auto repairing	2	.....	2	.....
Feb. 15	Missaukee Republican	Lake City	Printing	1	1	2	.....
Feb. 15	Plain Dealer, The	Lake City	Printing	2	1	3	.....
Feb. 15	Rose, Fred	Lake City	Produce and grain	3	2	5	.....
Feb. 14	Boerama, M. & Sons	McBain	Meats and produce	4	.....	4	.....
Feb. 14	Farmers' Elevator Co., The	McBain	Farm produce	2	10	12	.....
Feb. 14	Longstreet, J	McBain	Blacksmithing	2	.....	2	.....
Feb. 14	McBain Chronicle, The	McBain	Printing	1	1	2	.....
Feb. 14	McBain Flouring Mills	McBain	Flour and feed	8	.....	8	.....
Feb. 14	McBain Grain Co	McBain	Produce	5	34	39	.....
Feb. 14	Sanitary Market, The	McBain	Meats	1	.....	1	.....
	MONROE COUNTY.						
Dec. 7	Carleton Times, The	Carleton	Printed matter	1	2	3	.....
Dec. 7	Hause Bros	Carleton	Meats	3	.....	3	.....
Dec. 7	Kahlbaum, J. E. & Sons	Carleton	Flour and feed	5	.....	5	.....
Dec. 7	Reiser, C. H	Carleton	Lumber	4	.....	4	.....
Dec. 7	Reeves, S. O	Carleton	Auto repairing	3	1	4	.....
Dec. 5	Dundee Milling Co	Dundee	Flour and feed	3	.....	3	.....
Dec. 5	Dundee Power Co	Dundee	Light	4	.....	4	.....
Dec. 5	Dundee Reporter, The	Dundee	Printing	2	.....	2	.....
Dec. 5	Michigan Milling Co	Dundee	Flour and feed	3	1	4	.....
Dec. 5	Nu-Way Stretch Suspender Co	Dundee	Suspenders	9	49	58	.....
Dec. 5	Spohr, C. F. & Son	Dundee	Lumber	3	.....	3	.....
Dec. 5	Towar's Wayne County Creamery	Dundee	Dairy products	3	.....	3	.....
Dec. 5	Vanderventer, M. J. & Son	Dundee	Canned goods	7	1	8	.....
Dec. 6	Liedel, S. & Sons	Maybee	Flour and feed	3	.....	3	.....
Dec. 6	Liedel & Sons	Maybee	Meats	3	.....	3	.....
Dec. 6	Maybee Brick & Tile Co	Maybee	Brick and tile	6	.....	6	.....
Dec. 6	Towar's Wayne County Creamery	Maybee	Dairy products	3	.....	3	.....
Dec. 6	Wagner, Wm	Maybee	Wagons	1	.....	1	.....
Nov. 14	Amendt Milling Co	Monroe	Flour	31	5	36	.....
Nov. 13	Beck, C. F. & Son Co	Monroe	Lumber	10	1	11	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MONROE CO.—*Con.*						
Nov. 19	Boehme & Rauch Co., The	Monroe	Paper	705	28	733	8
Nov. 14	Democrat Printing & Publishing Co.	Monroe	Printing	8	4	12	.....
Nov. 19	Detroit Edison Co., The	Monroe	Electricity	14	1	15	.....
Nov. 19	Detroit United Ry	Monroe	Electricity	16	.....	16	.....
Nov. 13	Diehl's Bakery	Monroe	Baked goods	5	1	6	.....
Nov. 14	Dusseau, J. J	Monroe	Cigars	6	.....	6	.....
Nov. 14	Eichbauer Bros	Monroe	Monuments	7	.....	7	.....
Nov. 20	France Stone Co., The	Monroe	Stone	88	.....	88	.....
Nov. 14	Greening's Nursery Co	Monroe	Nursery	54	5	59	.....
Nov. 13	Hubbie Auto Co	Monroe	Auto repairing	7	1	8	.....
Nov. 14	Hurd, G. R. Co., The	Monroe	Coal	17	1	18	.....
Nov. 13	K. & K. Ice & Coal Co	Monroe	Coal and ice	15	1	16	.....
Nov. 13	McMillan Printing Co	Monroe	Printing	5	2	7	.....
Dec. 6	Maybee Lumber Co	Monroe	Lumber	3	1	4	.....
Nov. 13	Model Bakery, The	Monroe	Baked goods	6	2	8	.....
Nov. 14	Monroe Binder Board Co., The	Monroe	Binder boards	215	.....	215	.....
Nov. 13	Monroe Butter & Cheese Factory, The	Monroe	Butter and cheese	5	.....	5	.....
Nov. 13	Monroe Canning & Packing Co., The	Monroe	Canned goods	10	10	20	.....
Nov. 14	Monroe Foundry & Furnace Co., The	Monroe	Castings	61	1	62	.....
Nov. 14	Monroe Gas Light & Fuel Co	Monroe	Gas and fuel	31	2	33	.....
Nov. 14	Monroe Lumber Co	Monroe	Lumber	11	.....	11	.....
Nov. 13	Monroe Nursery Co	Monroe	Trees and shrubery	58	4	62	.....
Nov. 13	Monroe Steam Laundry Co	Monroe	Laundry	6	8	14	1
Nov. 14	Monroe Steel Castings Co	Monroe	Steel castings	35	.....	35	.....
Nov. 19	Monroe Water Co	Monroe	Water	9	.....	9	.....
Nov. 13	Radtke Lumber & Supply Co	Monroe	Lumber	36	2	38	1
Nov. 14	Record Publishing Co., The	Monroe	Printing	10	1	11	.....
Nov. 14	Reisig, H. J. & Son	Monroe	Tailoring	9	6	15	.....
Nov. 20	River Raisin Paper Co	Monroe	Paper	135	.....	135	.....
Nov. 20	River Raisin Paper Co	Monroe	Paper	336	10	346	.....
Nov. 14	Schrauder & Co	Monroe	Meats	31	2	33	.....
Nov. 19	Sterling, W. C. & Son	Monroe	Coal and ice	18	2	20	.....
Nov. 19	Swiss Magneto Co	Monroe	Magnetos	78	18	96	.....
Nov. 19	Van Blerck Motor Co	Monroe	Motors	94	11	105	1
Nov. 14	Weis Fibre Container Corp	Monroe	Fibre containers	32	56	88	2
Nov. 14	Weis Mfg. Co	Monroe	Furniture	201	108	309	16
Nov. 13	Wilder-Strong Implement Co	Monroe	Implements	65	5	70	2
Dec. 5	East Side Creamery Co	Petersburg	Dairy products	2	.....	2	.....
Dec. 5	Faling, A. P	Petersburg	Printing	1	1	2	.....
Dec. 5	Guggenbihler, Gus	Petersburg	Feed	2	.....	2	.....
Dec. 5	Kohler, Fred Lumber Co	Petersburg	Lumber	4	.....	4	.....
Dec. 5	Stone, G. A. Lumber Co	Petersburg	Lumber	3	.....	3	.....
	MONTCALM COUNTY.						
Feb. 12	Amble Creamery Co	Amble	Dairy products	2	.....	2	.....
Feb. 12	Waldo, O. C	Amble	Grain and beans	3	10	13	.....
Feb. 8	Banton & Kerr	Butternut	Grain and produce	3	1	4	.....
Feb. 8	Campbell, H. J	Butternut	Cheese	8	1	9	.....
Feb. 8	Libby, McNeil & Libby	Butternut	Pickles	1	.....	1	.....
Feb. 7	Brader, J. A	Carson City	Baked goods	2	1	3	.....
Feb. 7	Brail, A. F	Carson City	Blacksmithing	2	.....	2	.....
Feb. 7	Calkins, Tom	Carson City	Blacksmithing	2	.....	2	.....
Feb. 7	Carson City Produce Co	Carson City	Farm produce	3	.....	3	.....
Feb. 7	Carson City Water Works	Carson City	Water	2	.....	2	.....
Feb. 7	Hutting, M	Carson City	Harness	2	.....	2	.....
Feb. 7	Lyon & Daniels	Carson City	Flour	3	.....	3	.....
Feb. 7	McCrary & Jennings	Carson City	Meats	2	.....	2	.....
Feb. 7	Ralph, Frank	Carson City	Auto repairing	4	.....	4	.....
Feb. 7	Rockafellow Grain Co	Carson City	Grain and beans	16	39	55	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MONTCALM CO.—*Con.*						
Feb. 7	Union Telephone Co., The	Carson City	Telephone service	2	4	6	1
Feb. 7	VanSickle Produce Co., The	Carson City	Farm produce	3	.....	3	.....
Feb. 7	Waters, J. T	Carson City	Machine repairing	2	.....	2	.....
June 8	Baldwin, Chas. A	Coral	Lumber	3	.....	3	.....
June 8	Coral Auto Co	Coral	Auto repairing	3	1	4	.....
June 8	Coral News, The	Coral	Printed matter	1	.....	1	.....
June 8	Farmers' Cooperative Creamery Co	Coral	Butter	3	.....	3	.....
June 8	Skeoch, J. E. & Sons	Coral	Beans and produce	5	12	17	.....
Feb. 4	Barber, L. & Co	Edmore	Dairy products	9	3	12	.....
Feb. 4	Curtiss, A. E	Edmore	Beans and produce	5	4	9	1
Feb. 4	Edmore Garage	Edmore	Auto repairing	4	.....	4	.....
Feb. 4	Edmore Water Works	Edmore	Water	1	.....	1	.....
Feb. 4	Heinz, H. J. Co	Edmore	Pickles	2	.....	2	.....
Feb. 4	Home Bakery	Edmore	Baked goods	1	.....	1	.....
Feb. 4	Johnson Grain Co	Edmore	Grain	3	.....	3	.....
Feb. 4	Overnhouse, Robert E	Edmore	Blacksmithing	2	.....	2	.....
Feb. 4	Roach, W. R. & Co	Edmore	Canned goods	263	32	295	10
Feb. 4	Sack's Sanitary Markets	Edmore	Meats	3	.....	3	.....
Feb. 4	Universal Power Co	Edmore	Flour and grain	2	.....	2	.....
Feb. 4	Universal Power Co	Edmore	Light	2	.....	2	.....
Feb. 4	White, W. Printing Co	Edmore	Printing	1	2	3	.....
Feb. 4	Wilson, B. C. & Co	Edmore	Harness	2	.....	2	.....
June 20	Becker, Fred	Greenville	Baked goods	2	1	3	.....
June 19	Belknap Cement Products Co	Greenville	Cement blocks	15	.....	15	.....
June 14	Belknap Lumber Co	Greenville	Lumber	3	.....	3	.....
June 19	Bondholders Protective Committee	Greenville	Heat and light	3	1	4	.....
June 16	Callaghan, J. & Son	Greenville	Harness	4	.....	4	.....
June 20	Central Market	Greenville	Meats	4	.....	4	1
June 15	Chittick & Smith	Greenville	Blacksmithing	2	.....	2	.....
June 19	Christensen Glove Works	Greenville	Gloves	11	12	23	4
June 19	Church, J. A	Greenville	Plumbing	2	1	3	.....
June 18	Citizens Telephone Co	Greenville	Telephone service	2	10	12	.....
June 16	City Laundry	Greenville	Laundry	2	3	5	.....
June 20	Dronkers Printing Co	Greenville	Printing	1	.....	1	.....
June 16	Elliott, Eugene	Greenville	Plumbing	3	.....	3	.....
June 12	Gibson, C. H. & Co	Greenville	Beans	11	20	31	.....
June 14	Gibson Refrigerator Co	Greenville	Refrigerators	252	2	254	.....
June 12	Gilmour, C. L	Greenville	Jeweler	2	.....	2	.....
June 19	Green, L. J	Greenville	Baked goods	2	2	4	.....
June 12	Greenville City Water Works	Greenville	Water	3	.....	3	.....
June 16	Greenville Creamery	Greenville	Butter	4	.....	4	.....
June 14	Greenville Fixture Co	Greenville	Racks	4	.....	4	.....
June 15	Greenville Floral Co	Greenville	Flowers	11	3	14	.....
June 19	Greenville Implement Co	Greenville	Implements	15	1	16	.....
June 19	Greenville Independent Printing Co	Greenville	Printed matter	5	2	7	1
June 11	Greenville Lumber Co	Greenville	Lumber	2	.....	2	.....
Feb. 6	Greenville Produce & Supply Co	Greenville	Produce	6	.....	6	.....
June 18	Greenville Steam Laundry	Greenville	Laundry	2	5	7	.....
June 16	Kemp, O. C. & Son	Greenville	Auto repairing	6	1	7	.....
June 16	Knapp, Thoms & Petersen	Greenville	Blacksmithing	4	.....	4	.....
Feb. 6	Longnecker, David	Greenville	Harness	2	.....	2	.....
June 18	Martin, F. R. & Co	Greenville	Plumbing	3	1	4	.....
June 15	Michigan Garment Co	Greenville	Overalls and shirts	5	58	63	6
Feb. 6	Michigan State Telephone Co	Greenville	Telephone service	1	3	4	.....
June 14	Montcalm Creamery Co	Greenville	Butter	5	1	6	.....
June 14	Moore Plow & Implement Co	Greenville	Plows	51	2	53	.....
June 16	Mulholland, J. W	Greenville	Auto repairing	2	.....	2	.....
June 11	Nelson, Frank	Greenville	Meats	3	.....	3	.....
June 14	North Side Garage	Greenville	Auto repairing	3	.....	3	.....
June 15	Noxon, B. M	Greenville	Shoe repairing	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MONTCALM CO.—*Con.*						
June 12	Prentice, L. B	Greenville	Tailoring	1	1	2	.....
June 15	Ridley, J. T	Greenville	Dairy products	4	.....	4	.....
June 16	Riley, Chas. W	Greenville	Auto repairing	3	1	4	.....
June 12	Ranney Refrigerator Co	Greenville	Refrigerators	104	2	106	4
June 12	Ranney Refrigerator Co	Greenville	Refrigerators	79	.....	79	3
June 12	Slawson, Earle B	Greenville	Beans	4	26	30	.....
June 12	Tower, R. J. Electric Co., The	Greenville	Light and power	6	1	7	.....
June 11	Tower, R. J. Iron Works, The	Greenville	Iron	48	1	49	.....
June 14	Tower, R. J. Milling Co., The	Greenville	Flour	5	.....	5	.....
June 12	Tower Motor Truck Co	Greenville	Motor trucks	10	.....	10	.....
June 15	Weeks, C. W. & Co	Greenville	Monuments	3	.....	3	.....
June 20	Wells, William B	Greenville	Printing	3	3	6	.....
June 16	Wilber, Elmer & Co	Greenville	Auto repairing	3	.....	3	.....
June 7	Butler, M. F	Howard City	Harness	1	.....	1	.....
June 7	Howard City Garage, The	Howard City	Auto repairing	3	.....	3	.....
June 7	Howard City Record, The	Howard City	Printed matter	4	1	5	1
June 7	Howard City Water Works	Howard City	Water	1	.....	1	.....
May 29	Michigan Dairy Products Assn	Howard City	Dairy products	1	.....	1	.....
June 8	Mitchell, H. W	Howard City	Baked goods	2	1	3	.....
May 29	O'Donald, A	Howard City	Beans	4	15	19	.....
June 7	Perry, Richard	Howard City	Meats	3	.....	3	.....
May 29	Prout, J. H. & Co	Howard City	Flour and feed	3	.....	3	.....
Feb. 12	Universal Power Co	Howard City	Light and power	3	.....	3	.....
June 7	Williams, Ceylon	Howard City	Crates	4	.....	4	.....
Feb. 12	Williams Bros. Co., The	Howard City	Pickles	2	.....	2	.....
June 22	Bale, John J	Lakeview	Lumber	19	1	20	.....
June 21	Bollinger, R. & C. C	Lakeview	Auto repairing	5	1	6	.....
June 22	Brown, Roy	Lakeview	Plumbing	2	.....	2	.....
June 22	Charnley, Will	Lakeview	Meats and groceries	3	.....	3	.....
June 21	Cliff's Garage	Lakeview	Auto repairing	3	.....	3	.....
June 21	Hackett, E. A	Lakeview	Blacksmithing	1	.....	1	.....
Feb. 13	Johnson, Peter	Lakeview	Blacksmithing	3	.....	3	1
June 21	Lakeview Creamery	Lakeview	Butter	2	.....	2	.....
June 21	Lakeview Elevator Co	Lakeview	Grain and beans	3	6	9	.....
June 22	Lakeview Enterprise, The	Lakeview	Printed matter	1	2	3	.....
June 22	Lakeview Milling Co	Lakeview	Flour and grain	3	13	16	.....
June 21	Lakeview Water Works	Lakeview	Water	1	.....	1	.....
June 22	Moore, F. E. Co., The	Lakeview	Printing	1	1	2	.....
June 21	Peterson, Peter	Lakeview	Meats and groceries	3	.....	3	.....
June 22	Smith & Saxton	Lakeview	Plumbing	3	1	4	.....
Feb. 13	Union Telephone Co., The	Lakeview	Telephone service	1	3	4	.....
Feb. 5	Cadwell, B. E	McBride	Grain and produce	2	6	8	.....
Feb. 5	Heinz, H. J. Co	McBride	Pickles	1	.....	1	.....
Feb. 5	Sack's Sanitary Markets	McBride	Meats	3	.....	3	.....
Feb. 15	Pierson Elevator Co	Pierson	Beans and grain	4	25	29	.....
Feb. 8	Alart & McGuire	Sheridan	Pickles	1	.....	1	.....
Feb. 8	Hine Lumber Co	Sheridan	Lumber	3	.....	3	.....
Feb. 8	Rutherford, E. A	Sheridan	Grain and lumber	3	.....	3	.....
Feb. 8	Sheridan Advertiser	Sheridan	Printed matter	1	1	2	.....
Feb. 8	Sheridan Water Works	Sheridan	Water	1	.....	1	.....
Feb. 8	Wolverine Condensed Milk Co	Sheridan	Cheese	15	.....	15	.....
Feb. 8	Wyckoff, F. M	Sheridan	Peans and produce	3	6	9	.....
Feb. 12	Love, Wm. R	Six Lakes	Meats	2	.....	2	1
Feb. 12	Six Lakes Elevator Co	Six Lakes	Grain and beans	4	21	25	.....
Feb. 12	Six Lakes Garage	Six Lakes	Auto repairing	3	.....	3	.....
Feb. 12	Williams Bros. Co., The	Six Lakes	Pickles	2	.....	2	.....
Feb. 5	Buckrell, John	Stanton	Blacksmithing	3	.....	3	.....
Feb. 5	Cadwell, B. E	Stanton	Flour	3	11	14	.....
Feb. 5	Florin Washer, The	Stanton	Washing machines	4	.....	4	.....
Feb. 5	Libby, McNeil & Libby	Stanton	Pickles	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MONTCALM CO.—*Con.*						
Feb. 5	Rasmussen's Elevator	Stanton	Grain	3	.....	3	.....
Feb. 5	Stanton City Bakery	Stanton	Baked goods	2	.....	2	.....
Feb. 5	Stanton Clipper-Herald	Stanton	Printed matter	2	.....	2	.....
Feb. 5	Stanton Water & Light Co	Stanton	Water and light	3	1	4	.....
Feb. 5	Steffensen & Terrell	Stanton	Blacksmithing	3	.....	3	.....
Feb. 5	Westfield & Fall River Lumber Co	Stanton	Wood and coal	2	1	3	.....
Feb. 5	Willett, R. D	Stanton	Meats	2	.....	2	.....
June 9	Hansen, Oscar	Trufant	Cigars	2	1	3	.....
June 9	Hansen, Oscar	Trufant	Grain and beans	3	.....	3	.....
June 9	Larsen, J. W	Trufant	Meats	2	.....	2	.....
June 9	Trufant Lumber Co	Trufant	Lumber	3	.....	3	.....
May 28	Michigan Bean Co	Vestaburg	Beans	3	12	15	.....
May 28	Noble & Nickerson	Vestaburg	Meats	3	.....	3	.....
Feb. 8	Rockafellow Grain Co	Vickeryville	Grain and beans	2	.....	2	.....
	MONTMORENCY COUNTY.						
Aug. 16	Atlanta Hardware Co	Atlanta	Hardware	3	1	4	.....
Aug. 16	Rouse, G. M	Atlanta	Lumber	4	.....	4	.....
Nov. 8	Cook, Albert & Co	Hillman	Flour and grain	2	.....	2	.....
Aug. 15	Elowski, Paul	Hillman	Lumber	4	.....	4	.....
Aug. 15	Elowski Flour Mill	Hillman	Flour	2	.....	2	.....
Aug. 16	Hillman Creamery Co	Hillman	Dairy products	2	.....	2	1
Nov. 8	Hillman Light & Water Co	Hillman	Light and water	2	.....	2	.....
Aug. 16	Lake, T. A	Hillman	Auto repairing	3	.....	3	.....
Nov. 8	Main River Roller Mills	Hillman	Shingles	5	.....	5	.....
Nov. 8	Main River Roller Mills	Hillman	Lumber	5	.....	5	.....
Aug. 15	Montmorency County Herald & Tribune	Hillman	Job printing	2	.....	2	.....
Aug. 15	Murphy, W. W	Hillman	Meats	1	.....	1	.....
Nov. 8	Onaway-Alpena Telephone Co	Hillman	Telephone service	1	2	3	.....
Aug. 15	Sherk, A. N	Hillman	Repairing watches	1	.....	1	.....
Nov. 8	Standard Oil Co	Hillman	Oils	2	.....	2	.....
Aug. 15	Youngfer Bros	Hillman	Blacksmithing	2	.....	2	.....
	MUSKEGON COUNTY.						
Dec. 3	Gould, C. W. Co	Bailey	Produce	3	.....	3	.....
Dec. 3	Loveland & Hinyan Co	Bailey	Produce	2	12	14	.....
Dec. 3	Moore, A. W	Bailey	Blacksmithing	2	.....	2	.....
Dec. 3	Smith, Jas. L	Bailey	Meats	1	.....	1	.....
Dec. 3	Stark, L. Co	Bailey	Produce	1	.....	1	.....
Nov. 16	Brooks, E. C	Casnovia	Blacksmithing	2	.....	2	.....
Nov. 16	Brott Bros. Lumber Co	Casnovia	Lumber	1	1	2	.....
Nov. 16	Doolittle, Benson E	Casnovia	Meats	1	.....	1	.....
Nov. 16	Hanville & Kelly	Casnovia	Harness	2	.....	2	.....
Nov. 20	Michigan Pickle Co	Casnovia	Pickles	2	.....	2	.....
Nov. 20	Morey, Hayes	Casnovia	Blacksmithing	1	.....	1	.....
Dec. 22	Grand Rapids, Grand Haven & Muskegon Ry	Fruitport	Car repairing	29	2	31	.....
Aug. 30	Peoples Milling Co	Holton	Produce	2	.....	2	.....
Nov. 14	Amazon Knitting Co	Muskegon	Knit goods	122	537	659	20
Nov. 5	American Enameled Magnet Wire Co	Muskegon	Magnet wire	72	76	148	3
Sept. 7	American Express Co	Muskegon	Express service	8	.....	8	.....
Nov. 10	American Shoe Shop	Muskegon	Shoe repairing	3	.....	3	.....
Nov. 4	Amiotte, J. J	Muskegon	Livery service	6	.....	6	.....
Nov. 4	Anderson Shoe Shop	Muskegon	Shoe repairing	2	.....	2	.....
Aug. 28	Anderson, Iver & Sons	Muskegon	Meats	2	.....	2	.....
Nov. 14	Apple Street Auto Co	Muskegon	Auto repairing	3	1	4	.....
Oct. 24	Auto Sales & Service Co	Muskegon	Auto repairing	2	.....	2	.....
Sept. 6	Baldwin, W. A	Muskegon	Blacksmithing	2	.....	2	.....
Aug. 29	Ballantine, J. H	Muskegon	Cleaning and pressing	1	.....	1	.....
Aug. 28	Bauknecht Bros	Muskegon	Coal	14	.....	14	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MUSKEGON CO.—*Con.*						
Oct. 27	Bergman, J. A.	Muskegon	Tailoring	1		1	
Oct. 15	Birch, Martin & Sons	Muskegon	Meats	4		4	
Oct. 11	Blakeley & McGinnes	Muskegon	Blacksmithing	2		2	
Oct. 24	Boomhower Auto Supply Co.	Muskegon	Auto supplies	2		2	
Oct. 8	Bovik, E.	Muskegon	Tailoring	1	1	2	
Oct. 24	Brinen, W. J. Lumber Co.	Muskegon	Lumber	24		24	
Nov. 23	Brunswick-Balke-Collender Co., The	Muskegon	Billiard tables	1,213	118	1,331	26
Oct. 27	Campbell Mfg. & Foundry Co.	Muskegon	Castings	89	8	97	
Oct. 8	Carr, Jane	Muskegon	Dressmaking		1	1	
Feb. 1	Castenholz-Albers Co.	Muskegon	Meats	10		10	
Aug. 23	Central Paper Co.	Muskegon	Paper	347	25	372	9
Aug. 24	Chase-Hackley Piano Co.	Muskegon	Pianos	108	3	111	6
Dec. 19	Christie, D.	Muskegon	Baked goods	13		13	1
Nov. 6	Christiansen & Wenk	Muskegon	Coal and wood	4	1	5	
Aug. 28	Cloetingh, P. L.	Muskegon	Sheet metal	3		3	
Dec. 6	Clover Foundry Co., The	Muskegon	Castings	50	1	51	
Oct. 16	Clover Leaf Dairy	Muskegon	Dairy products	4	1	5	1
Oct. 9	Cohn, Noah	Muskegon	Merchant tailoring	3	3	6	
Sept. 6	Consumers Power Co.	Muskegon	Power	47	4	51	
Oct. 1	Connell, P. J. Co.	Muskegon	Cement supplies	7		7	
Aug. 27	Cooperative Press, Inc.	Muskegon	Printing	2		2	
Nov. 5	Continental Motors Corporation	Muskegon	Gasoline motors	2,618	53	2,671	10
Oct. 8	Coyne, James	Muskegon	Plumbing	6	1	7	
Sept. 6	Dalton Creamery	Muskegon	Dairy products	6	1	7	
Dec. 3	Dana Printing Co., The	Muskegon	Printing	10	4	14	1
Sept. 6	Daniels, M. A.	Muskegon	Tailoring	2		2	
Nov. 5	Deeter, B. F.	Muskegon	Auto trimming	1		1	
Oct. 29	Eagle Iron Works	Muskegon	Castings	21		21	
Aug. 29	Eagle Vulcanizing Co.	Muskegon	Tire repairing	1		1	
Oct. 16	Electric Service Co., The	Muskegon	Electrical repairing	7	1	8	
Dec. 21	Emens, Mrs. Z. V.	Muskegon	Baked goods	5	3	8	
Oct. 1	English, R. F.	Muskegon	Tailoring	9	1	10	
Aug. 28	Ernewein, Joseph	Muskegon	General repairing	2		2	
Oct. 1	Fink, L. H.	Muskegon	Cigars	10	2	12	2
Dec. 1	Fleckenstein, C. G. Co.	Muskegon	Leather	85	28	113	4
Oct. 4	Fonger, C. E. & Son	Muskegon	Bicycle repairing	2		2	
Aug. 28	Foote, W. C.	Muskegon	Printing	5	1	6	
Oct. 15	Fosma, O. H.	Muskegon	Shoe repairing	1		1	
Sept. 7	Friant & Rourk	Muskegon	Tailoring	1		1	
Sept. 5	French Dry Cleaning Co.	Muskegon	Cleaning	2		2	
Aug. 21	French Dry Cleaning & Dye Works	Muskegon	Cleaning	1	1	2	
Oct. 15	Gretzl, Frank	Muskegon	Meats	1		1	
Nov. 6	Gordon, L. O. Mfg. Co.	Muskegon	Machinery	66	1	67	1
Aug. 28	Grand Trunk Ry. System	Muskegon	Freight	6	2	8	1
Oct. 15	Great Western Oil Co., The	Muskegon	Oils and gasoline	5	1	6	
Aug. 31	Green, Wm. S.	Muskegon	Printing	8		8	1
Nov. 9	Haglund, G.	Muskegon	Blacksmithing	3		3	
Aug. 27	Hathaway, Frank E.	Muskegon	Auto repairing	22	2	24	
Oct. 17	Hasekamp, John	Muskegon	Meats	2		2	
Oct. 12	Heights Lumber Co., The	Muskegon	Lumber	11		11	2
Sept. 6	Howden, J. J. Co.	Muskegon	Plumbing	14	1	15	
Dec. 6	Howe Chain Co.	Muskegon	Chains	11	1	12	
Nov. 10	Hughes, E. J.	Muskegon	Blacksmithing	2		2	
Sept. 5	Hunter Bros.	Muskegon	Plumbing	8		8	
Oct. 10	Hunter's Garage	Muskegon	Auto repairing	2		2	
Sept. 24	Independent Electric Co.	Muskegon	Electric supplies	11	3	14	
Oct. 22	Jager, S. W.	Muskegon	Cigars	2		2	
Oct. 8	Jiroch, Francis	Muskegon	Cigars	17	3	20	
Oct. 2	Johnson Milling Co.	Muskegon	Feed and grain	1		1	
Nov. 30	Kinne Mfg. Co.	Muskegon	Interior finish	6		6	

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MUSKEGON CO.—*Con.*						
Oct. 4	Kison Rug Cleaning & Upholstering Co	Muskegon	Cleaning and upholstering	3	.....	3	.....
Oct. 12	Kitchen's Garage	Muskegon	Auto repairing	4	.....	4	.....
Dec. 19	Koche, Henry	Muskegon	Baked goods	1	.....	1	.....
Oct. 1	Koelbel & Bennett	Muskegon	Tire repairing	5	1	6	.....
Oct. 1	Koelbel & Bennett Garage	Muskegon	Garage	5	1	6	.....
Sept. 11	Kontonies Bros	Muskegon	Cleaning	4	.....	4	.....
Sept. 24	Krueger-Neuman Co	Muskegon	Plumbing	7	1	8	.....
Aug. 27	Lake Shore Stone Co	Muskegon	Crushed stone	6	.....	6	.....
Aug. 25	Lakeside Fuel & Ice Co	Muskegon	Fuel and ice	1	1	2	.....
Aug. 2	Lakeside Lumber Co	Muskegon	Lumber	4	1	5	.....
Oct. 27	Lakeside Meat Market	Muskegon	Meats	4	.....	4	.....
Oct. 12	Lakey Foundry & Machine Co	Muskegon	Castings	378	3	381	11
Sept. 5	Lam, Lou	Muskegon	Laundry	1	1	2	.....
Oct. 4	Langeland Mfg. Co	Muskegon	Lumber and boxes	69	1	70	.....
Dec. 19	Lange Transfer Co	Muskegon	Transfer service	6	.....	6	.....
Oct. 29	Langkawel, Otto & Co	Muskegon	Coal	12	.....	12	.....
Sept. 24	LeBoeuf, E. J	Muskegon	Tailoring	1	.....	1	.....
Oct. 27	Linderman Machine Co	Muskegon	Machinery	476	9	485	2
Aug. 24	Loescher Tanning Co	Muskegon	Leather	44	1	45	.....
Oct. 17	Lyons Machine & Mfg. Co	Muskegon	Machinery	55	1	56	.....
Nov. 9	McCullom, George	Muskegon	Plumbing	15	1	16	.....
Oct. 15	McPherson, Mrs. A. A	Muskegon	Millinery	.....	1	1	.....
Sept. 6	Magoon & Kimball Co	Muskegon	Coal and ice	48	1	49	.....
Oct. 29	Marsh, Chas. W. Co	Muskegon	Leather specialities	13	1	14	.....
Nov. 14	Martin, H. T	Muskegon	Auto repairing	3	.....	3	.....
Oct. 15	Marquard, J. C	Muskegon	Celery crates	10	.....	10	.....
Sept. 6	Michigan Pike Garage	Muskegon	Auto repairing	4	.....	4	.....
Nov. 14	Michigan Washing Machines Co	Muskegon	Washing machines	47	3	50	1
Aug. 27	Mindel, Joe	Muskegon	Hides	1	.....	1	.....
Aug. 27	Monogram Laundry	Muskegon	Laundry	6	20	26	.....
Nov. 28	Morse Transfer Co	Muskegon	Transfer service	16	1	17	.....
Sept. 24	Muskegon Art Glass Works	Muskegon	Glass	2	.....	2	.....
Oct. 22	Muskegon Awning & Mfg. Co	Muskegon	Awnings, etc	2	1	3	.....
Dec. 8	Muskegon Baking Co	Muskegon	Baked goods	20	5	25	.....
Nov. 10	Muskegon Battery Service Station	Muskegon	Storage batteries	2	.....	2	.....
Aug. 28	Muskegon Boiler Works	Muskegon	Boilers	55	3	58	1
Oct. 29	Muskegon Bottling Works	Muskegon	Soft drinks	12	.....	12	.....
Oct. 29	Muskegon Brewing Co	Muskegon	Beer	20	.....	20	.....
Dec. 7	Muskegon Chronicle, The	Muskegon	Printed matter	32	10	42	3
Oct. 9	Muskegon Cigar Co	Muskegon	Cigars	5	1	6	.....
Nov. 14	Muskegon Knitting Mills	Muskegon	Knit goods	12	48	60	.....
Aug. 21	Muskegon Laundry Co	Muskegon	Laundry	5	19	24	1
Oct. 2	Muskegon Lumber & Fuel Co	Muskegon	Lumber	8	1	9	.....
Oct. 17	Muskegon Monument & Stone Co	Muskegon	Monuments	8	1	9	1
Nov. 5	Muskegon Motor Specialities Co	Muskegon	Motor parts	201	2	203	5
Oct. 22	Muskegon Paper Box Co	Muskegon	Paper boxes	3	12	15	1
Oct. 18	Muskegon Pickle Co	Muskegon	Pickles	3	.....	3	.....
Aug. 21	Muskegon Plating Co	Muskegon	Plating	5	.....	5	.....
Aug. 27	Muskegon Print Shop	Muskegon	Printing	3	1	4	.....
Oct. 11	Muskegon Rag & Metal Co	Muskegon	Junk	29	3	32	.....
Oct. 22	Muskegon Rug Co	Muskegon	Fluff rugs	4	.....	4	1
Oct. 24	Muskegon Steam Dye House	Muskegon	Dyeing and cleaning	4	4	8	.....
Oct. 24	Muskegon Tile & Fireplace Co	Muskegon	Tile	4	.....	4	.....
Oct. 17	Muskegon Tool & Stamping Co	Muskegon	Hardware specialties	22	.....	22	.....
Nov. 4	Muskegon Transfer Co., The	Muskegon	Transfer service	9	.....	9	.....
Nov. 2	Muskegon Valley Furniture Co	Muskegon	Furniture	32	1	33	.....
Oct. 9	Muskegon Vulcanizing Co	Muskegon	Vulcanizing	3	.....	3	.....
Aug. 23	Muskegon Water Works	Muskegon	Water	12	.....	12	.....
Nov. 3	Nanninga, W	Muskegon	Blacksmithing	2	.....	2	.....
Oct. 12	Non-Breakable Toy Co	Muskegon	Dolls	19	2	21	5

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MUSKEGON CO.—*Con.*						
Sept. 6	Paris Dyeing & Cleaning Co	Muskegon	Dyeing and cleaning	2	1	3	.....
Oct. 27	Peterson, J. W	Muskegon	Shoe repairing	1	.....	1	.....
Aug. 29	Peoples Laundry	Muskegon	Laundry	7	24	31	1
Nov. 10	Pere Marquette R. R. Co	Muskegon	Freight	24	6	30	.....
Oct. 15	Pere Marquette R. R. Co	Muskegon	Car repairing	115	.....	115	.....
Sept. 24	Postal Telegraph-Cable Co	Muskegon	Telegraph service	2	.....	2	1
Aug. 28	Pressed Steel Co., The	Muskegon	Electric vibrators	6	.....	6	.....
Sept. 11	Priggooris, John	Muskegon	Cleaning	2	.....	2	.....
Oct. 22	Reliable Plumbing & Heating Co	Muskegon	Plumbing	3	1	4	.....
Aug. 27	Reliable Tire Repair Co	Muskegon	Tire repairing	2	.....	2	.....
Aug. 24	Ross Dry Cleaning Co	Muskegon	Cleaning and pressing	6	7	13	.....
Dec. 18	Retsema & Bomers	Muskegon	Cigars	7	1	8	.....
Oct. 25	Rice-Sorin Saddlery Co	Muskegon	Harness, etc	41	3	44	.....
Nov. 7	Rodgers Boiler & Burner Co	Muskegon	Boilers, etc	7	1	8	.....
Dec. 22	Rubinsky, H	Muskegon	Junk	4	1	5	.....
Nov. 2	Sanitary Sales Co	Muskegon	Plumbing	3	1	4	.....
Oct. 18	Sargent Mfg. Co	Muskegon	Furniture	35	2	37	.....
Oct. 15	Schillaci, T. & Co	Muskegon	Fruits	2	1	3	.....
Oct. 8	Schoenberg, Chas	Muskegon	Meats	6	1	7	.....
Oct. 16	Schoenberg, Chas	Muskegon	Meats	1	.....	1	.....
Oct. 1	Schuiteman, J. Electric Co	Muskegon	Electric supplies	4	.....	4	.....
Oct. 10	Schultz, E. A	Muskegon	Wall paper, etc	2	1	3	.....
Sept. 6	Shane, I. W	Muskegon	Shoe repairing	2	.....	2	.....
Aug. 27	Sharkoff, Wm. S. Co	Muskegon	Upholstering	1	.....	1	.....
Nov. 30	Shaw Electric Crane Co., The	Muskegon	Electric cranes	434	23	457	2
Aug. 21	Shaw-Walker Co	Muskegon	Filing devices	370	71	441	26
Dec. 18	Sheldon, E. H. & Co	Muskegon	School equipment	118	6	124	14
Sept. 6	Shepherd, J. S	Muskegon	Ice cream	4	1	5	.....
Oct. 10	Sima, Frank	Muskegon	Sheet metal	1	.....	1	.....
Oct. 27	Smith, W. J	Muskegon	Meats	2	.....	2	.....
Sept. 14	Soderberg, Sam	Muskegon	Shoe repairing	1	.....	1	.....
Nov. 6	Standard Oil Co	Muskegon	Oils	10	.....	10	.....
Oct. 4	Star Market, The	Muskegon	Meats	2	.....	2	.....
Dec. 6	Steele & Heethuis	Muskegon	Livery service	7	.....	7	.....
Oct. 15	Stegink, John	Muskegon	Flour and feed	3	.....	3	.....
Sept. 14	Steiner, William	Muskegon	Plumbing	4	.....	4	.....
Sept. 24	Steketee, P. P. & Son	Muskegon	Sign painting	4	.....	4	.....
Sept. 14	Stevenson, R. H	Muskegon	Plumbing	1	.....	1	.....
Oct. 25	Stewart Hartshorn Co	Muskegon	Shade rollers	294	89	383	45
Oct. 2	Stewart, T. A. & Son	Muskegon	Sheet metal	2	.....	2	.....
Oct. 10	Streeter, J. H	Muskegon	Welding	2	.....	2	.....
Dec. 19	Sundell Electric Co	Muskegon	Electric supplies	3	.....	3	.....
Nov. 2	Superior Seating Co	Muskegon	Furniture	154	.....	154	12
Nov. 2	Superior Seating Co	Muskegon	Furniture	109	8	117	3
Oct. 11	Swartz, T. A	Muskegon	Blacksmithing	2	.....	2	.....
Nov. 9	Swift & Co	Muskegon	Meats	6	.....	6	.....
Nov. 4	Toefel, Frank	Muskegon	Painting	1	.....	1	.....
Sept. 24	Towner Hardware Co	Muskegon	Hardware and tinning	4	.....	4	.....
Oct. 10	Union Bakery	Muskegon	Baked goods	1	1	2	.....
Oct. 2	Union Cash Market	Muskegon	Meats	1	.....	1	.....
Aug. 24	United Home Telephone Co., The	Muskegon	Telephone service	43	66	109	.....
Sept. 14	Vanderlaan, Louis	Muskegon	Cigars	5	1	6	.....
Nov. 25	Van Loo Moving Co	Muskegon	Moving and storage	5	.....	5	.....
Nov. 25	Van Zalingen & Bush Lumber Co	Muskegon	Lumber	5	.....	5	.....
Oct. 10	Vos, Miss N	Muskegon	Millinery	.....	2	2	.....
Oct. 17	Vulcanized Products Co	Muskegon	Rubber goods	56	13	69	4
Nov. 19	Walker Candy Co., The	Muskegon	Candy	15	53	68	2
Oct. 10	Walton Street Garage	Muskegon	Auto repairing	1	.....	1	.....
Aug. 27	Western Auto Co	Muskegon	Auto repairing	8	1	9	.....
Oct. 29	West Michigan Steel Foundry Co	Muskegon	Castings	151	8	159	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	MUSKEGON CO.—*Con.*						
Dec. 7	White River Power & Light Co	Muskegon	Power and light	8	.....	8	.....
Nov. 28	White Sewing Machine Co	Muskegon	Sewing machines	3	1	4	.....
Dec. 21	Wilson, Tom	Muskegon	Tailoring	2	.....	2	.....
Oct. 11	Witt's Garage	Muskegon	Auto repairing	2	1	3	.....
Sept. 14	Wolffis Bros	Muskegon	Flour and feed	4	.....	4	.....
Sept. 14	Wood, T. S	Muskegon	Bicycle repairing	1	.....	1	.....
Oct. 11	Woodard, S. H	Muskegon	Blacksmithing	2	.....	2	.....
Dec. 18	Yeager, Frank	Muskegon	Cigars	2	.....	2	.....
Nov. 30	Alaska Refrigerator Co., The	Muskegon Hts	Refrigerators	291	4	295	30
Nov. 14	Anderson's Meat Market	Muskegon Hts	Meats	3	.....	3	.....
Nov. 28	Browne-Morse Co	Muskegon Hts	Filing cabinets	178	18	196	85
Dec. 22	Buckley Hardware Co	Muskegon Hts	Hardware	4	1	5	.....
Nov. 28	Campbell, Wyant & Cannon Foundry Co	Muskegon Hts	Castings	783	27	810	6
Nov. 14	Chicago Cash Market	Muskegon Hts	Meats	2	1	3	.....
Nov. 8	Edwards Lumber Co	Muskegon Hts	Lumber	10	2	12	.....
Nov. 25	Enterprise Brass Works	Muskegon Hts	Brass goods	222	17	239	.....
Nov. 26	Home Bakery	Muskegon Hts	Baked goods	2	.....	2	.....
Nov. 6	Lindland, A. R	Muskegon Hts	Coal	2	1	3	.....
Nov. 7	Markle Cement & Coal Co	Muskegon Hts	Cement and coal	107	1	108	.....
Nov. 30	Morton Mfg. Co	Muskegon Hts	Machinery	112	2	114	2
Nov. 8	Muskegon Heights Auto Co	Muskegon Hts	Auto repairing	2	.....	2	.....
Dec. 22	Muskegon Heights Gas Co	Muskegon Hts	Gas	7	.....	7	.....
Nov. 25	Muskegon Heights Implement Co	Muskegon Hts	Blacksmithing	3	1	4	.....
Nov. 14	Peterson, Niels & Sons	Muskegon Hts	Cement and coal	8	.....	8	.....
Nov. 8	Piston Ring Co., The	Muskegon Hts	Piston rings	347	18	365	2
Nov. 6	Pyle Pattern & Mfg. Co	Muskegon Hts	Patterns	31	1	32	1
Nov. 30	Schneidt, August, Jr	Muskegon Hts	Hair mattresses	5	3	8	.....
Nov. 7	Standard Malleable Iron Co	Muskegon Hts	Castings	424	5	429	.....
Nov. 14	VanZanten, A	Muskegon Hts	Hardware and plumbing	3	.....	3	.....
Nov. 25	Ward Service	Muskegon Hts	Printing	4	4	8	2
Jan. 8	Hardy, C. E	Montague	Meats	2	.....	2	.....
Jan. 8	Montague Iron Works	Montague	Marine engines	11	.....	11	.....
Jan. 8	Montague Observer	Montague	Printing	1	1	2	.....
Jan. 8	Montague Roller Mills	Montague	Flour and feed	4	.....	4	.....
Jan. 7	Nelson, H. C	Montague	Auto repairing	4	.....	4	.....
Jan. 8	White Lake Creamery Co	Montague	Dairy products	1	.....	1	.....
Nov. 12	Bradford Bros	Ravenna	Auto repairing	2	.....	2	.....
Nov. 12	Budlong Pickle Co	Ravenna	Pickles	2	.....	2	.....
Nov. 12	Harrison & Son	Ravenna	Meats	1	.....	1	.....
Nov. 12	Herman, Geo. K	Ravenna	Harness	1	.....	1	.....
Nov. 12	Lavender, Mrs. M	Ravenna	Millinery	.....	1	1	.....
Nov. 12	Mainone, M. & Son	Ravenna	Meats	2	.....	2	.....
Nov. 12	Mansfield Lumber Co	Ravenna	Lumber	2	1	3	.....
Nov. 12	Moore, A. H	Ravenna	Blacksmithing	3	.....	3	.....
Nov. 12	Ravenna Elevator Co	Ravenna	Grain and feed	2	.....	2	.....
Nov. 12	Ravenna Incorporated Butter Co	Ravenna	Dairy products	12	1	13	.....
Nov. 12	Ravenna Roller Mills	Ravenna	Flour and feed	1	.....	1	.....
Nov. 12	Ravenna Times	Ravenna	Printing	2	1	3	.....
Nov. 12	United Home Telephone Co	Ravenna	Telephone service	.....	2	2	.....
Dec. 7	Eagle-Ottawa Leather Co	Whitehall	Tanned goods	232	28	260	15
Dec. 7	Troy Steam Laundry	Whitehall	Laundry	2	4	6	.....
Dec. 7	VanOort, D. A	Whitehall	Plumbing	4	.....	4	.....
Dec. 11	Wadstrom, J. A	Whitehall	Tailoring	2	.....	2	.....
Dec. 7	Whitehall Forum, The	Whitehall	Printing	2	1	3	.....
Dec. 7	White Lake Garage	Whitehall	Auto repairing	6	.....	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	NEWAYGO COUNTY.						
June 15	Consumers Power Co	Croton	Electricity	4	.....	4	.....
June 20	Barton, J	Fremont	Harness	2	.....	2	.....
June 21	Blount, Harry A	Fremont	Cigars	1	1	2	.....
June 20	Crescent Mills	Fremont	Flour and feed	3	.....	3	.....
June 22	Farmers Feed & Elevator Co	Fremont	Feed and grain	3	1	4	.....
June 20	Fremont Auto Co	Fremont	Auto repairing	6	.....	6	.....
June 20	Fremont Baking Co	Fremont	Baked goods	2	1	3	.....
June 21	Fremont Canning Co	Fremont	Canned goods	80	57	137	.....
June 21	Fremont Cooperative Produce Co	Fremont	Produce	5	.....	5	.....
June 20	Fremont Creamery Co	Fremont	Dairy products	3	1	4	.....
June 20	Fremont Fuel & Ice Co	Fremont	Fuel and ice	3	.....	3	.....
June 22	Fremont Lumber & Fuel Co	Fremont	Lumber and fuel	6	.....	6	.....
June 22	Fremont Times-Indicator	Fremont	Printed matter	4	1	5	.....
June 20	Graff, L. G	Fremont	Auto repairing	7	.....	7	.....
June 20	Hain, G. E. Co	Fremont	Auto repairing	8	.....	8	.....
June 20	Hawkey, Miss Lula	Fremont	Millinery	.....	2	2	.....
June 20	Hartwell, Ross	Fremont	Harness	1	.....	1	.....
June 21	Heinz, H. J. Co	Fremont	Pickles	2	.....	2	.....
June 22	Hillyard, J. L. & Co	Fremont	Produce	2	1	3	.....
June 21	Lewellyn Bean Co	Fremont	Produce	3	.....	3	.....
June 20	Lockwood, A. M	Fremont	Blacksmithing	1	.....	1	.....
June 22	Michigan Tanning & Extract Co	Fremont	Leather	84	.....	84	.....
June 20	Pikaart, Eibert	Fremont	Sheet metal	1	.....	1	.....
June 20	Troost, John	Fremont	Custom clothing	2	.....	2	.....
June 21	Vaughan, E. M	Fremont	Harness	1	.....	1	.....
June 20	Waters & Frye	Fremont	Blacksmithing	2	.....	2	.....
June 20	Woodward Garage	Fremont	Auto repairing	1	.....	1	.....
June 13	Grant Creamery Co	Grant	Dairy products	2	.....	2	.....
June 13	Grant Elevator Co	Grant	Produce	1	.....	1	.....
June 13	Grant Garage, The	Grant	Auto repairing	4	.....	4	.....
June 13	Grant Herald, The	Grant	Printed matter	1	1	2	.....
June 13	Grant Lumber & Fuel Co	Grant	Lumber and fuel	2	.....	2	.....
June 13	Overland Garage, The	Grant	Auto repairing	3	1	4	.....
June 15	Dysinger, A. D	Newaygo	Auto repairing	1	1	2	.....
June 15	Hemily Lumber Co	Newaygo	Building material	5	.....	5	.....
June 15	Johnson, H. R	Newaygo	Custom clothing	2	.....	2	.....
June 15	Mull Baking Co	Newaygo	Baked goods	1	2	3	.....
June 15	Newaygo Engineering Co	Newaygo	Machinery	23	1	24	.....
June 15	Newaygo Overland Garage	Newaygo	Auto repairing	3	.....	3	.....
June 15	Newaygo Register, The	Newaygo	Printed matter	2	1	3	.....
June 15	Newaygo Republican, The	Newaygo	Printed matter	2	2	4	.....
June 15	Newaygo Roller Mills	Newaygo	Flour and feed	3	.....	3	.....
June 15	Newaygo Portland Cement Co	Newaygo	Cement	108	.....	108	.....
June 15	Rowe, Henry Mfg. Co	Newaygo	Wood turning	26	1	27	4
June 12	Blue Line Creamery, The	White Cloud	Dairy products	2	1	3	.....
June 12	Hemily Lumber Co	White Cloud	Building material	2	.....	2	.....
June 12	White Cloud Bicycle Co	White Cloud	Bicycle repairing	1	.....	1	.....
June 12	White Cloud Canning Co	White Cloud	Canned goods	2	.....	2	.....
June 12	White Cloud Eagle, The	White Cloud	Printed matter	2	1	3	.....
June 12	White Cloud Garage, The	White Cloud	Auto repairing	4	1	5	.....
June 12	White Cloud Mills	White Cloud	Flour and feed	1	.....	1	.....
June 12	White Cloud Star, The	White Cloud	Printed matter	2	.....	2	1
June 12	White Cloud Water Works	White Cloud	Light and water	2	.....	2	.....
	OAKLAND COUNTY.						
Sept. 14	Auto-Craft Garage	Birmingham	Auto repairing	4	.....	4	.....
Sept. 14	Birmingham Construction Co	Birmingham	Cement products	5	.....	5	.....
Sept. 15	Birmingham Home Laundry	Birmingham	Laundry	2	4	6	.....
Sept. 14	Birmingham Milling Co	Birmingham	Flour	2	.....	2	.....
Sept. 14	Birmingham Sales Co	Birmingham	Auto repairing	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OAKLAND CO.—*Con.*						
Sept. 14	Boughner Bros	Birmingham	Auto repairing	7	1	8	.....
Sept. 14	Detroit United Railway	Birmingham	Car repairing	14	.....	14	.....
Sept. 14	Douglass, Fred J	Birmingham	Plumbing	5	1	6	1
Sept. 14	Erity & Nixon	Birmingham	Flour, feed, etc	1	.....	1	.....
Sept. 15	Erwin & Smith	Birmingham	Meats	4	.....	4	.....
Sept. 14	Gifford, J. C	Birmingham	Ice cream and candy	1	3	4	.....
Sept. 15	Hawthorne Electrical Co	Birmingham	Electrical supplies	4	.....	4	.....
Sept. 14	Lawson-Erb Lumber Co	Birmingham	Lumber, coal, etc	8	1	9	.....
Sept. 14	Leonard Electrical Co	Birmingham	Electrical supplies	5	.....	5	.....
Sept. 14	McClellan & Son	Birmingham	Feed	4	.....	4	.....
Sept. 15	Michigan State Telephone Co	Birmingham	Telephone service	3	12	15	.....
Sept. 15	O'Neal, E. A	Birmingham	Harness	2	.....	2	.....
Sept. 15	Pingel, W. J	Birmingham	Ice cream and candy	2	1	3	.....
Sept. 15	Sanitary Baking Co	Birmingham	Baked goods	4	1	5	.....
Sept. 14	Schlaack & Bell	Birmingham	Meats	4	.....	4	.....
Sept. 14	Weier-Smith Truck Co	Birmingham	Trucks	6	.....	6	.....
Nov. 7	Clarkston Bakery	Clarkston	Baked goods	2	.....	2	.....
Nov. 7	Ford Sales & Service Station	Clarkston	Auto repairing	4	.....	4	.....
Nov. 7	Gibson & Stewart	Clarkston	Feed and coal	3	.....	3	.....
Nov. 7	Skarritt, J. A	Clarkston	Passenger service	4	.....	4	.....
Nov. 7	Vliet, F. W	Clarkston	Meats	2	.....	2	.....
Nov. 7	Vulcan Co., The	Clarkston	Bronze work	8	.....	8	.....
Sept. 13	Brown, L. C	Farmington	Candy, ice cream, etc	2	.....	2	.....
Sept. 13	Detroit United Railway	Farmington	Car repairing	7	.....	7	.....
Sept. 13	Detroit United Railway	Farmington	Passenger service	13	.....	13	.....
Sept. 13	Farmington Enterprise, The	Farmington	Printed matter	2	.....	2	.....
Sept. 13	Farmington Roller Mills	Farmington	Flour, grain, etc	3	.....	3	.....
Sept. 13	Ford Sales & Service Station, The	Farmington	Auto repairing	5	1	6	.....
Sept. 13	Lee, H. W. & Sons	Farmington	Auto repairing	3	.....	3	.....
Sept. 13	Michigan State Telephone Co	Farmington	Telephone service	1	4	5	4
Sept. 13	Schroeder, H. A	Farmington	Meats	2	.....	2	.....
Sept. 13	Walters, W. H	Farmington	Candy, etc	2	.....	2	.....
Sept. 13	Warner Dairy Co	Farmington	Dairy products	23	1	24	7
Nov. 2	Chase, M. F	Holly	Blacksmithing	2	.....	2	.....
Nov. 1	Dixie Garage, The	Holly	Auto repairing	2	.....	2	.....
Nov. 1	Grinnell Bros	Holly	Pianos	104	.....	104	1
Nov. 1	Heinz, H. J. Co	Holly	Pickles	11	.....	11	.....
Nov. 2	Holly Advertiser, The	Holly	Printed matter	1	1	2	.....
Nov. 1	Holly Garage	Holly	Auto repairing	2	.....	2	.....
Nov. 2	Holly Herald, The	Holly	Printed matter	1	1	2	.....
Nov. 2	Holly Village Water Works	Holly	Water	2	.....	2	.....
Nov. 1	McGonegal, F. E	Holly	Castings	6	.....	6	.....
Nov. 2	McLaughlin Bros	Holly	Grain and feed	1	1	2	.....
Nov. 1	Michigan Truck & Lumber Co	Holly	Auto woodwork	95	1	96	.....
Nov. 2	Milne, R. C	Holly	Custom clothing	1	.....	1	.....
Nov. 1	Ormiston & Son	Holly	Meats	3	.....	3	.....
Nov. 1	Patterson Mfg. Co	Holly	Auto bodies	54	4	58	7
Nov. 1	Perry Mfg. Co., The	Holly	Stancheons	4	.....	4	.....
Nov. 2	Ryan, D	Holly	Livery service	1	.....	1	.....
Nov. 1	Seeley, C. C. & Son	Holly	Wood and coal	5	1	6	.....
Nov. 1	Wright, P. A. & Son	Holly	Hardware	3	.....	3	.....
Oct. 31	Agnew Electric Welder Co	Milford	Electric welding	5	.....	5	.....
Oct. 31	Boyle, D	Milford	Produce	6	.....	6	.....
Oct. 31	Buick Garage & Service Station	Milford	Auto repairing	2	.....	2	.....
Oct. 31	DeGarmo, E. S	Milford	Lumber	2	.....	2	.....
Oct. 31	Detroit Auto Dash Co	Milford	Auto dashes	76	3	79	2
Oct. 31	Gittins & Son, Inc	Milford	Hardware	5	.....	5	.....
Oct. 31	Grimes, C. A	Milford	Meats	2	.....	2	.....
Oct. 31	Hammell's Hardware	Milford	Hardware and sheet metal	1	.....	1	.....
Oct. 31	Holdridge, I. C	Milford	Implements	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OAKLAND CO.—*Con.*						
Oct. 31	Lockwood, R. B. & Co	Milford	Auto repairing	3	.....	3	.....
Oct. 31	McGill & Johnson	Milford	Meats	1	.....	1	.....
Oct. 31	Milford Electric Co	Milford	Light and power	3	1	4	.....
Oct. 31	Milford Electric Feed Mill	Milford	Feed	2	.....	2	.....
Oct. 31	Mil "Ford" Garage	Milford	Auto repairing	8	.....	8	.....
Oct. 31	Milford Home Telephone Co	Milford	Telephone service	2	5	7	.....
Oct. 31	Milford Times, The	Milford	Printed matter	1	1	2	.....
Oct. 31	Padley, T. H	Milford	Auto repairing	3	1	4	.....
Oct. 31	Purdy, Wm. B	Milford	Baked goods	1	1	2	.....
Oct. 31	Weaver & Watkins	Milford	Produce	4	.....	4	.....
Sept. 10	Everett, Chas	New Hudson	Hay, grain, feed, etc	2	.....	2	.....
Sept. 10	New Hudson Garage, The	New Hudson	Auto repairing	2	.....	2	.....
Sept. 10	Towar Creamery Co	New Hudson	Dairy products	1	.....	1	.....
Sept. 12	Hill, A. L	Novi	Grain, coal, etc	2	.....	2	.....
Sept. 12	Holmes, Chas. E	Novi	Meats	1	1	2	.....
Sept. 12	Novi Garage	Novi	Auto repairing	1	.....	1	.....
Sept. 11	Warner Dairy Co	Novi	Milk	1	.....	1	.....
Oct. 26	Charlton, T. M	Orion	Meats	2	.....	2	.....
Oct. 26	Daines, H. E	Orion	Hardware	2	.....	2	.....
Oct. 25	Detroit Edison Co., The	Orion	Electricity	1	1	2	.....
Oct. 26	Electric Shoe Repair Shop	Orion	Shoe repairing	1	.....	1	.....
Oct. 26	Ford Garage	Orion	Auto repairing	4	.....	4	.....
Oct. 26	Lake Orion Bakery	Orion	Baked goods	2	.....	2	.....
Oct. 26	Redhed & Graves	Orion	Meats	3	.....	3	.....
Oct. 26	Shoup, J. W	Orion	Flour and feed	2	.....	2	.....
Oct. 26	Speaker & Son	Orion	Auto repairing	4	.....	4	.....
Oct. 26	Tunison, Geo. H	Orion	Lumber and coal	3	.....	3	.....
Oct. 29	Detroit-Oxford Gravel & Stone Co	Oxford	Gravel, etc	5	.....	5	.....
Oct. 30	Detwiler, A. E	Oxford	Auto repairing	4	.....	4	.....
Oct. 30	Enterprise Garage	Oxford	Auto repairing	2	.....	2	.....
Oct. 30	Fisher, O	Oxford	Meats	1	.....	1	.....
Oct. 30	Gatecliff, G. W	Oxford	Blacksmithing	1	.....	1	.....
Oct. 30	Green, G. T	Oxford	Meats	2	1	3	.....
Oct. 26	Howland, M. S	Oxford	Feed	2	.....	2	.....
Oct. 30	Old Homestead Bakery	Oxford	Baked goods	2	1	3	.....
Oct. 30	Oxford City Water Works	Oxford	Water	5	.....	5	.....
Oct. 30	Oxford Leader, The	Oxford	Printed matter	1	3	4	.....
Oct. 30	Proal, J. S	Oxford	Confectionery	1	2	3	.....
Oct. 30	Randall, C. L. Co	Oxford	Beans	14	1	15	.....
Oct. 30	Tolfree & Acre	Oxford	Plumbing	3	.....	3	.....
Oct. 30	Tunstead, W. J	Oxford	Plumbing	5	1	6	.....
Oct. 29	United Fuel & Supply Co	Oxford	Sand and gravel	25	.....	25	.....
Oct. 26	Ward Sand & Gravel Co	Oxford	Sand and gravel	23	.....	23	.....
Oct. 19	Abso Clean Laundry	Pontiac	Laundry	4	11	15	.....
Sept. 25	Basley Market, The	Pontiac	Meats	4	1	5	.....
Oct. 5	Beaudette, O. J. Co	Pontiac	Auto bodies	1,483	4	1,487	20
Sept. 26	Behm, G. W	Pontiac	Bicycle repairing	1	.....	1	.....
Oct. 19	Bishop, E. E. Printing Co	Pontiac	Job printing	3	.....	3	.....
Oct. 11	Brace Leather Goods Co	Pontiac	Auto leather work	9	.....	9	.....
Oct. 17	Brewer & Brewer	Pontiac	Auto repairing	3	.....	3	.....
Oct. 11	Burlingham, S. H	Pontiac	Plumbing	16	1	17	.....
Oct. 9	Burton, A. H	Pontiac	Dry cleaning	3	.....	3	.....
Sept. 26	Cadillac Market	Pontiac	Meats	5	2	7	.....
Sept. 25	Campbell & Hood	Pontiac	Meats	5	1	6	.....
Oct. 23	Cadillac Garage	Pontiac	Garage	4	1	5	.....
Oct. 19	Canfield, L. W. Co., The	Pontiac	Coal & builders supplies	3	.....	3	.....
Oct. 23	Castle Hat Shop	Pontiac	Millinery	.....	4	4	.....
Oct. 19	Central Shoe Repair Shop	Pontiac	Shoe repairing	3	.....	3	.....
Oct. 12	Chamberlin, R. A	Pontiac	Tailoring	2	.....	2	.....
Sept. 25	Champlin, Egbert	Pontiac	Job printing	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OAKLAND CO.—*Con.*						
Oct. 19	Cleary & Burlingham	Pontiac	Millinery	.....	5	5	.....
Oct. 23	Clegg, George E	Pontiac	Shoe repairing	2	.....	2	.....
Oct. 9	Connell-Oberson	Pontiac	Auto sales and repairing	6	1	7	.....
Oct. 18	Corwin, A. A. & Sons	Pontiac	Lumber and coal	15	1	16	.....
Oct. 18	De Puy, C. E. Co	Pontiac	Grain	5	2	7	.....
Sept. 28	Detroit Edison Co., The (Bloomfield Plant)	Pontiac	Electric power	5	.....	5	.....
Oct. 19	Detroit Edison Co., The (Rapid Street Plant)	Pontiac	Electric power	9	.....	9	.....
Oct. 3	Detroit Weatherproof Body Co	Pontiac	Weatherproof tops	245	41	286	5
Oct. 18	Donaldson, B. W. & Co	Pontiac	Lumber	11	.....	11	.....
Sept. 25	Drummey Estate	Pontiac	Cigars	3	.....	3	.....
Sept. 25	Eames & Brown	Pontiac	Plumbing	15	.....	15	.....
Sept. 25	Family Bakery	Pontiac	Baked goods	4	2	6	.....
Sept. 25	Famous Shoe Repair Co	Pontiac	Shoe repairing	2	.....	2	.....
Oct. 18	Farmer, E. H. & Son	Pontiac	Auto repairing, salesroom	4	.....	4	.....
Oct. 22	Gaukler & Stewart	Pontiac	Coal, coke and ice	2	2	4	.....
Oct. 9	Geney, C. D	Pontiac	Dry cleaning	4	2	6	.....
Oct. 6	General Motors Truck Co	Pontiac	Auto trucks	510	23	533	.....
Oct. 16	Hess-Pontiac Spring & Axle Co	Pontiac	Auto springs	497	4	501	12
Oct. 10	Holser, L. D	Pontiac	Plumbing	6	1	7	.....
Sept. 25	Holloway Brothers	Pontiac	Meats	7	2	9	.....
Oct. 23	Howland, Charles	Pontiac	Farm implements	2	.....	2	.....
Oct. 2	Hubbard, M. D. Spring Co	Pontiac	Coil springs	26	2	28	.....
Oct. 11	Huron Garage	Pontiac	Auto repairing	5	2	7	.....
Oct. 8	Kimmins, Harry	Pontiac	Harness	3	.....	3	.....
Oct. 10	Inch & Rambau	Pontiac	Monuments	6	1	7	.....
Oct. 11	Keyser Dairy Co	Pontiac	Dairy products	18	2	20	.....
Oct. 9	Kremer Brothers	Pontiac	Baked goods	4	2	6	.....
Oct. 24	Leeds Woolen Mills	Pontiac	Tailoring	4	.....	4	.....
Sept. 29	Legg's Market	Pontiac	Meats	4	1	5	1
Oct. 17	Levin, Julius	Pontiac	Tailoring	2	1	3	.....
Sept. 25	McVean & Reeves	Pontiac	Electrical supplies	7	1	8	.....
Oct. 19	Marshall Furnace Co	Pontiac	Furnaces	4	.....	4	.....
Oct. 23	Mascotte Cigar Co	Pontiac	Cigars	33	10	43	.....
Oct. 3	Michigan Drop Forge Co	Pontiac	Drop forgings	73	1	74	.....
Oct. 19	Michigan Light Co	Pontiac	Gas	113	7	120	.....
Oct. 10	Michigan Printing Co	Pontiac	Job printing	8	2	10	.....
Oct. 18	Michigan State Telephone Co	Pontiac	Telephone service	16	108	124	1
Oct. 8	Miller & Son	Pontiac	Baked goods	1	2	3	.....
Oct. 8	Miller-Alexander Baking Co	Pontiac	Baked goods	3	.....	3	.....
Oct. 11	Millen Baking Co	Pontiac	Baked goods	8	3	11	.....
Oct. 18	Millis, Frank L	Pontiac	Lumber and coal	5	.....	5	.....
Oct. 9	Milward, F. S	Pontiac	Auto repairing	23	1	24	1
Oct. 10	Modern Garage	Pontiac	Auto repairing	4	.....	4	.....
Oct. 17	Monroe Body Co	Pontiac	Auto bodies	375	2	377	10
Oct. 4	Monroe Motor Car Co	Pontiac	Motor cars	145	14	159	.....
Oct. 2	Northway Motor & Mfg. Co	Pontiac	Motors	265	6	271	.....
Oct. 9	Nusbaumer, Anna M	Pontiac	Millinery	.....	2	2	.....
Oct. 19	Oakland Candy Co	Pontiac	Candy	5	.....	5	.....
Oct. 23	Oakland Grocer Co	Pontiac	Groceries	3	2	5	.....
Oct. 2	Oakland Motor Car Co	Pontiac	Motor cars	879	162	1,041	13
Oct. 22	Oakland Shoe Repairing Shop	Pontiac	Shoe repairing	2	.....	2	.....
Oct. 3	Olympian Motors Co	Pontiac	Motors	175	17	192	3
Sept. 26	Opera House Motor Sales & Garage Co	Pontiac	Auto repairing, salesroom	11	.....	11	.....
Oct. 2	Patterson Lumber Co	Pontiac	Lumber and coal	7	.....	7	.....
Sept. 25	Peoples Cash Market	Pontiac	Meats	3	.....	3	.....
Sept. 28	Poole, F. J	Pontiac	Lumber, coal and supplies	13	.....	13	.....
Oct. 17	Precision Castings Co	Pontiac	Castings	22	1	23	.....
Oct. 23	Purser Fruit Co	Pontiac	Fruits and vegetables	5	1	6	.....
Oct. 9	Pontiac Auto Garage	Pontiac	Auto repairing	9	1	10	.....
Oct. 9	Pontiac Battery Shop	Pontiac	Battery & tire repairing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OAKLAND CO.—*Con.*						
Oct. 23	Pontiac Cartage Co	Pontiac	Cartage, etc	8	1	9	.....
Oct. 8	Pontiac Foundry & Machine Co	Pontiac	Machine repairing	18	1	19	.....
Oct. 23	Pontiac Glass Co	Pontiac	Glasing	4	.....	4	.....
Oct. 19	Pontiac Lumber Yard	Pontiac	Lumber, coal & hardware	11	1	12	.....
Sept. 26	Pontiac Motor Supply Co	Pontiac	Auto supplies	4	.....	4	.....
Oct. 24	Pontiac Oakland Co	Pontiac	Auto sales and service	4	1	5	.....
Sept. 26	Pontiac Oldsmobile Co	Pontiac	Auto repairing	4	1	5	.....
Sept. 29	Pontiac Packing Co	Pontiac	Meats	2	1	3	.....
Oct. 18	Pontiac Planing Mill	Pontiac	Lumber	6	1	7	.....
Oct. 11	Pontiac Press Gazette, The	Pontiac	Printed matter	29	7	36	.....
Sept. 25	Pontiac Steam Laundry	Pontiac	Laundry	11	37	48	.....
Oct. 12	Pontiac Tractor Co	Pontiac	Tractors	14	.....	14	.....
Oct. 17	Pontiac Varnish Co	Pontiac	Varnish	2	1	3	.....
Oct. 5	Pontiac Water Works	Pontiac	Water supply	77	.....	77	.....
Sept. 25	Richmond & Welsh Vulcanizing Co	Pontiac	Vulcanizing	2	.....	2	.....
Sept. 25	Rogers Quick Service Trucking Co	Pontiac	Trucking	12	.....	12	.....
Sept. 26	Sanitary Bakery	Pontiac	Baked goods	3	1	4	.....
Oct. 10	Service Garage	Pontiac	Auto repairing	5	1	6	.....
Oct. 18	Slater Construction Co	Pontiac	Building supplies	228	5	233	.....
Sept. 26	Spadafore & Bonofiglio	Pontiac	Wholesale fruits, etc	2	1	3	.....
Oct. 10	Star Woolen Mills	Pontiac	Tailoring	3	.....	3	.....
Oct. 23	Sugar Bowl Candy Co	Pontiac	Confectionery	3	1	4	.....
Oct. 19	Thornton Brothers Garage	Pontiac	Auto repairing	2	.....	2	.....
Oct. 17	Tip-Top Garage	Pontiac	Auto repairing	4	.....	4	.....
Oct. 18	Van Auken-Bower Co	Pontiac	Auto tops	25	2	27	.....
Sept. 29	Waters Fuel & Supply Co	Pontiac	Coal and building supplies	4	.....	4	.....
Sept. 26	Webb, G. A	Pontiac	Meats	5	1	6	.....
Sept. 25	Webb, W. P	Pontiac	Meats	3	.....	3	.....
Sept. 26	Whitfield, Frank R	Pontiac	Meats	1	.....	1	.....
Oct. 8	Wilson, H. C	Pontiac	Castings	15	.....	15	.....
Oct. 3	Wilson Foundry & Machine Co	Pontiac	Castings	1,202	107	1,309	2
Oct. 8	Wilson Railway Gate Co	Pontiac	Railway gates	1	.....	1	.....
Oct. 9	Wood & High	Pontiac	Tailoring	3	.....	3	.....
Oct. 19	Wright Planing Mill, The	Pontiac	Lumber	11	1	12	.....
Oct. 24	Barnes Paper Mills, The	Rochester	Paper	13	.....	13	.....
Oct. 25	Bedell Hat Shop, The	Rochester	Millinery	.....	2	2	.....
Oct. 25	Burr, George	Rochester	Hardware & implements	3	1	4	.....
Oct. 25	Case, C. W	Rochester	Hardware, etc	5	1	6	.....
Oct. 25	Central Garage	Rochester	Auto repairing	3	.....	3	.....
Oct. 25	Central Meat Market	Rochester	Meats	2	.....	2	.....
Oct. 25	De Baene, C	Rochester	Meats	3	.....	3	.....
Oct. 25	Detroit United Railway	Rochester	Electric power	17	.....	17	.....
Oct. 25	Detroit United Railway	Rochester	Electric power	98	.....	98	.....
Oct. 25	Detroit United Railway	Rochester	Car repairing	15	.....	15	.....
Oct. 25	Ford Sales & Service Garage	Rochester	Auto repairing	2	.....	2	.....
Oct. 24	Jackson & Co	Rochester	Machine repairing	2	.....	2	.....
Oct. 25	LeBlond & Tiets	Rochester	Meats	3	.....	3	.....
Oct. 24	Mets & Buchanan	Rochester	Coal, coke and wood	2	1	3	.....
Oct. 25	O'Brien, P. J	Rochester	Lumber and coal	3	.....	3	.....
Oct. 25	Robinson, C. E	Rochester	Baked goods	2	1	3	.....
Oct. 25	Rochester Auto Garage	Rochester	Auto repairing	5	.....	5	.....
Oct. 25	Rochester Baking Co	Rochester	Baked goods	2	1	3	.....
Oct. 25	Rochester Clarion, The	Rochester	Printed matter	3	.....	3	.....
Oct. 25	Rochester Era, The	Rochester	Job printing	2	.....	2	.....
Oct. 25	Rochester Steam Laundry	Rochester	Laundry	2	2	4	.....
Oct. 25	Shoup, F. D	Rochester	Grain	3	.....	3	.....
Oct. 25	Tienken, William	Rochester	Plumbing	4	.....	4	.....
Oct. 25	Upton, C. W	Rochester	Lumber, coal, etc	7	.....	7	.....
Oct. 25	Western Knitting Mills	Rochester	Knit goods	180	205	385	1
Sept. 20	Campbell Tire Hospital	Royal Oak	Tire repairing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OAKLAND CO.—*Con.*						
Sept. 19	Central Cash Market	Royal Oak	Meats	2	.....	2	.....
Sept. 20	Dairy Bakery, The	Royal Oak	Baked goods	3	2	5	.....
Sept. 24	Demrick & Leach Electric Co	Royal Oak	Electrical supplies	2	.....	2	.....
Sept. 18	Duguett & Fountain	Royal Oak	Auto repairing	3	.....	3	.....
Sept. 19	Eckstein-Lakie Co	Royal Oak	Auto repairing	6	.....	6	.....
Sept. 19	Erb-Kidder Co	Royal Oak	Lumber & building sup	14	2	16	.....
Sept. 19	Gentile Mercurio & Co	Royal Oak	Produce	3	.....	3	.....
Sept. 19	Gifford Lumber Co	Royal Oak	Lumber	14	2	16	.....
Sept. 20	Lawson Lumber & Coal Co	Royal Oak	Lumber, coal, etc	27	2	29	.....
Sept. 20	Main Plumbing & Heating Co., The	Royal Oak	Plumbing	8	1	9	.....
Sept. 19	Mellen-Wright Lumber Co	Royal Oak	Lumber, coal, etc	23	.....	23	.....
Sept. 18	Oak Planing Mill Co	Royal Oak	Lumber, etc	19	1	20	.....
Sept. 18	Pratt, George B. & Co	Royal Oak	Cigars	3	1	4	.....
Sept. 20	Ream, C. E	Royal Oak	Plumbing	6	.....	6	.....
Sept. 20	Royal Oak Creamery	Royal Oak	Dairy products	8	2	10	.....
Sept. 20	Royal Oak Garage	Royal Oak	Auto repairing	4	.....	4	.....
Sept. 21	Royal Oak Grain Co	Royal Oak	Grain	2	.....	2	.....
Sept. 21	Royal Oak Home Bakery	Royal Oak	Baked goods	2	1	3	.....
Sept. 18	Royal Oak Ice & Produce Co	Royal Oak	Ice and feed	7	1	8	.....
Sept. 18	Royal Oak Sales Co	Royal Oak	Auto repairing, etc	2	.....	2	.....
Sept. 24	Royal Sheet Metal & Heating Co	Royal Oak	Plumbing, etc	27	1	28	1
Sept. 20	Smart, I	Royal Oak	Tailoring	3	.....	3	.....
Sept. 18	Taylor, M. & M	Royal Oak	Electrical supplies	6	.....	6	.....
Sept. 20	Tolles & Unger	Royal Oak	Meats	5	.....	5	.....
Sept. 24	Washington Cash Market	Royal Oak	Meats	2	.....	2	.....
Sept. 10	Bussaino, Joe	South Lyon	Cigars, ice cream, etc	2	.....	2	.....
Sept. 11	Challis, John & Son	South Lyon	Implements	2	.....	2	.....
Sept. 11	Comiskey, J. B. Feed Mill, The	South Lyon	Feed	1	.....	1	.....
Sept. 11	Detroit Creamery Co	South Lyon	Dairy products	1	.....	1	.....
Sept. 11	Detroit Edison Co., The	South Lyon	Electricity	1	.....	1	.....
Sept. 10	Ford Service Garage	South Lyon	Auto repairing, etc	2	.....	2	.....
Sept. 11	Michigan State Telephone Co	South Lyon	Telephone service	1	6	7	.....
Sept. 11	Rupp, Fred	South Lyon	Harness and shoe repair	1	.....	1	.....
Sept. 11	South Lyon Elevator, The	South Lyon	Grain, produce and coal	3	.....	3	.....
Sept. 11	South Lyon Herald, The	South Lyon	Printed matter	1	2	3	.....
Sept. 11	Van Atta, F. J	South Lyon	Meats	2	.....	2	.....
Sept. 11	Carnes, R. & Son	Walled Lake	Lumber	2	1	3	.....
Sept. 11	Nook, Frank S	Walled Lake	Hardware	2	.....	2	.....
Sept. 11	Stevenson, Ira	Walled Lake	Baked goods	2	.....	2	.....
Sept. 11	Wixom Cooperative Association	Wixom	Feed, coal, lumber, etc	1	.....	1	.....
	OCEANA COUNTY.						
June 11	Reed & Spuse	Ferry	Electricity	2	.....	2	.....
May 22	Bakker, William	Hart	Harness	2	.....	2	.....
May 22	Bearss Garage	Hart	Auto repairing	4	1	5	.....
May 25	Bennett Lumber & Mfg. Co	Hart	Building material	6	.....	6	.....
May 22	Bergeon, D. A	Hart	Harness	1	.....	1	.....
May 25	Brooks, T. R	Hart	Feed and ice	2	.....	2	.....
May 22	Hutchins, D. Burns	Hart	Produce	3	1	4	.....
May 22	Butler, J. C	Hart	Blacksmithing	1	.....	1	.....
May 23	Carbin, F. L. & Son	Hart	Produce	2	.....	2	.....
May 22	City Bakery	Hart	Baked goods	1	.....	1	.....
May 23	Colby & Spitler Co	Hart	Sheet metal	6	.....	6	.....
May 25	Conger, J. B. & Son	Hart	Produce	4	4	8	.....
May 26	Ferguson, Mrs. C. W	Hart	Millinery	.....	2	2	.....
May 22	Gregoire, A	Hart	Blacksmithing	2	.....	2	.....
May 23	Gunn, W. E	Hart	General repairing	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OCEANA CO.—*Con.*						
May 22	Hansen, H. E.	Hart	Tailoring	2	.....	2	.....
May 22	Hanson Printing Co., The	Hart	Printed matter	3	1	4	.....
May 25	Hart Auto Co	Hart	Auto repairing	5	1	6	.....
May 25	Hart Cedar & Lumber Co	Hart	Lumber	33	1	34	.....
May 23	Hart Journal, The	Hart	Printed matter	3	.....	3	.....
May 22	Hart Roller Mills	Hart	Flour and feed	1	.....	1	.....
May 22	Lewellyn & Wachter	Hart	Produce and feed	4	.....	4	.....
May 26	Oceana County Cider & Vinegar Co	Hart	Cider and vinegar	2	.....	2	.....
May 22	Oceana Steam Laundry, The	Hart	Laundry	1	3	4	.....
May 25	Powers, E. S. Butter Co	Hart	Dairy products	6	.....	6	.....
May 23	Riddell, C. A. & C. B	Hart	Lumber, etc	2	.....	2	.....
May 25	Roach, W. R. & Co	Hart	Canned goods	62	4	66	.....
May 23	Shogren, Peter	Hart	Tailoring	2	.....	2	.....
May 25	Stearns Lighting & Power Co	Hart	Power and light	4	.....	4	.....
May 25	Wallace, J. C	Hart	Produce	4	8	12	.....
June 11	Bird, George	Hesperia	Auto repairing	2	.....	2	.....
June 11	Hesperia Flour & Feed Mills	Hesperia	Flour and feed	2	.....	2	.....
June 11	Howe, L. M	Hesperia	Lumber	4	.....	4	.....
June 11	Reed & Spuse	Hesperia	Electricity	4	.....	4	.....
June 11	Seymour, Manly	Hesperia	Harness	1	.....	1	.....
June 9	Conger, J. B	New Era	Produce	3	.....	3	.....
June 9	Heins, H. J. Co	New Era	Pickles	1	.....	1	.....
June 9	New Era Canning Co	New Era	Canned goods	6	.....	6	.....
June 9	New Era Creamery Co	New Era	Dairy products	3	.....	3	.....
June 9	New Era Garage	New Era	Auto repairing	2	.....	2	.....
May 21	Butchers Friend Saw Co	Pentwater	Butchers' saws	3	.....	3	.....
May 25	City Bakery, The	Pentwater	Baked goods	2	1	3	.....
May 21	News, The	Pentwater	Printed matter	2	1	3	.....
May 21	Pentwater Garage	Pentwater	Auto repairing	2	.....	2	.....
May 21	Pentwater Machinery Co	Pentwater	Machinery	10	.....	10	.....
May 21	Sears & Nichols Co., The	Pentwater	Canned goods	42	.....	42	.....
May 21	Stearns Lighting & Power Co., The	Pentwater	Electricity	1	.....	1	.....
May 21	Tebbets, Joseph	Pentwater	Harness & auto repairing	2	.....	2	.....
June 8	Bowerman, Miss J. B	Shelby	Millinery	.....	1	1	.....
June 8	Conger & Tallant	Shelby	Flour and feed	3	.....	3	.....
June 8	Ellis, C. E	Shelby	Produce	2	.....	2	.....
June 8	Harrison Basket Co	Shelby	Fruit packages	45	29	74	.....
June 7	Kemink, J. R	Shelby	Tailoring	2	.....	2	.....
June 7	Kennedy, C. L	Shelby	Harness	1	.....	1	.....
June 8	Lewellyn Bean Co	Shelby	Produce	6	22	28	.....
June 8	Morse, S. J	Shelby	Plumbing	1	1	2	.....
June 8	Munson, Albert	Shelby	Blacksmithing	2	.....	2	.....
June 8	Oceana Canning Co	Shelby	Canned goods	15	11	26	1
June 8	Oceana Herald, The	Shelby	Printed matter	4	1	5	.....
June 8	Roth, D. W	Shelby	Auto repairing	3	.....	3	.....
June 8	Sargent, M. J	Shelby	Plumbing	1	.....	1	.....
June 8	Shelby Basket Co	Shelby	Baskets	34	7	41	.....
June 7	Shelby Flour Mills Co	Shelby	Flour and feed	3	.....	3	.....
June 7	Shelby Steam Laundry	Shelby	Laundry	1	2	3	.....
June 7	Spellman, T. T. & Co	Shelby	Auto repairing	4	.....	4	.....
June 7	Wessel, I. L. & Sons	Shelby	Blacksmithing	2	.....	2	.....
	OGEMAW COUNTY.						
Aug. 9	Leslie, Orville	Prescott	Auto repairing	2	1	3	.....
Aug. 9	Marsaw, Claude	Prescott	Ice cream	1	1	2	.....
Aug. 9	Prescott Elevator Co	Prescott	Grain	2	1	3	.....
Aug. 9	Prescott Journal	Prescott	Printed matter	1	.....	1	.....
Aug. 9	Stephens, A. H	Prescott	Farm implements	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OGEMAW CO.—*Con.*						
Aug. 9	Joslin, L. R.	Rose City	Dairy products	1	1	2	.....
Aug. 9	Randall, Lottie	Rose City	Millinery	.....	1	1	.....
Aug. 9	Ogemaw Telephone Co.	Rose City	Telephone service	2	3	5	.....
Aug. 9	Prior, William A.	Rose City	Hardware	1	.....	1	.....
Aug. 9	Rice & Prestle	Rose City	Meats	2	.....	2	.....
Aug. 9	Rose City Elevator Co.	Rose City	Grain	2	.....	2	.....
Aug. 9	Rose City Review, The	Rose City	Printed matter	1	1	2	.....
Aug. 9	Tulloh, L. C. & Co.	Rose City	Meats	1	.....	1	.....
Aug. 15	Diebold, George J.	West Branch	Grain	2	1	3	.....
Aug. 15	Herald-Times & Ogemaw Republican, The	West Branch	Printed matter	2	1	3	.....
Aug. 15	Morrison, E. V. & Son	West Branch	Harness and implements	3	.....	3	.....
Aug. 15	McDonald, Oscar	West Branch	Plumbing	2	.....	2	.....
Aug. 15	Schulty, H. W.	West Branch	Auto repairing	3	.....	3	.....
Aug. 15	Smith, Frank S.	West Branch	Harness and implements	2	.....	2	.....
Aug. 15	Stobie, Mae	West Branch	Millinery	.....	2	2	.....
Aug. 15	Sykes, F.	West Branch	Shoemaking	1	.....	1	.....
Aug. 15	Thompson, A. A.	West Branch	Vulcanizing	1	.....	1	.....
Aug. 15	Thompson & Bartlett	West Branch	Blacksmithing	2	.....	2	.....
Aug. 15	West Branch Grain Co.	West Branch	Grain	2	1	3	.....
	ONTONAGON COUNTY.						
Nov. 22	Indiana Mining Co.	Lake Mine	Copper	24	.....	24	.....
Nov. 22	Lake Copper Co.	Lake Mine	Copper	211	.....	211	.....
Nov. 22	North Lake Mining Co.	Lake Mine	Copper	32	.....	32	.....
Nov. 22	South Lake Mining Co.	Lake Mine	Copper	116	.....	116	.....
Nov. 22	Hakola, Gust	Mass	Tailoring	2	.....	2	.....
Nov. 22	Savela, Manuel	Mass	Blacksmithing	3	.....	3	.....
Nov. 22	Mass Cooperative Co.	Mass	Meats	1	.....	1	.....
Nov. 22	Kyllonen, Matt	Mass	Meats	1	.....	1	.....
Nov. 22	Nara Brothers & Pfeefer	Mass	Meats	1	.....	1	.....
Nov. 22	Wolf, F. M.	Mass	Cigars	1	2	3	.....
Nov. 19	Home Bakery	Ontonagon	Baked goods	1	1	2	.....
Nov. 19	Cloverland Garage	Ontonagon	Auto repairing	2	.....	2	.....
Nov. 19	Ducleaux, Ed.	Ontonagon	Shoe repairing	1	.....	1	.....
Nov. 16	Greenwood Lumber Co.	Ontonagon	Lumber	78	1	79	2
Nov. 17	Hecox-Scott Hardware Co.	Ontonagon	Hardware	4	.....	4	.....
Nov. 17	Kangas, Jacob	Ontonagon	Shoe repairing	1	.....	1	.....
Nov. 16	Lakeside Garage	Ontonagon	Auto repairing	5	.....	5	.....
Nov. 19	Lee, Him Laundry	Ontonagon	Laundry	1	.....	1	.....
Nov. 17	Marley Cigar Manufactory	Ontonagon	Cigars	2	1	3	.....
Nov. 16	Ontonagon Electric Light & Water Works	Ontonagon	Light and water supply	5	.....	5	.....
Nov. 19	Ontonagon Garage	Ontonagon	Auto repairing	3	.....	3	.....
Nov. 16	Ontonagon Herald, The	Ontonagon	Printed matter	4	.....	4	.....
Nov. 19	Ontonagon Sanitary Bakery	Ontonagon	Baked goods	3	1	4	.....
Nov. 16	Palace Meat Market	Ontonagon	Meats	2	.....	2	.....
Nov. 17	Scharf, Frank	Ontonagon	Tailoring	3	1	4	.....
Nov. 19	Schramm, Andrew	Ontonagon	Meats	1	.....	1	.....
Nov. 17	Tousignant, E. J.	Ontonagon	Coal, wood and cement	3	.....	3	.....
Nov. 19	Wells Fargo & Company Express	Ontonagon	Express	3	.....	3	.....
Nov. 12	Willman, J. S.	Ontonagon	Tailoring	4	.....	4	.....
Nov. 17	Woman's Shop, The	Ontonagon	Millinery	1	1	2	.....
Nov. 20	James & Jones	Rockland	Meats	3	.....	3	.....
Nov. 21	Michigan Copper Mining Co.	Rockland	Copper	100	.....	100	.....
Nov. 21	Ontonagon County Telephone Co.	Rockland	Telephone service	2	9	11	.....
Nov. 20	Wiesen, Joseph	Rockland	Meats	1	1	2	.....
Nov. 21	Victoria Copper Mining Co.	Victoria	Copper	266	1	267	.....
Nov. 20	White Pine Copper Co.	White Pine Mine	Copper	258	1	259	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OSCEOLA COUNTY.						
Nov. 7	American Logging Tool Co	Evart	Logging tools	46	2	48	.....
Nov. 7	City Bakery	Evart	Baked goods	2	1	3	.....
Nov. 7	Conklin, Allen E.	Evart	Grain and hay	2	7	9	.....
Nov. 7	Cox, J. L.	Evart	Building contracting	1	.....	1	.....
Nov. 7	Englund, John	Evart	Clothes repairing	1	.....	1	.....
Nov. 7	Evart Creamery Co	Evart	Dairy products	7	1	8	.....
Nov. 7	Evart Garage	Evart	Auto repairing	3	.....	3	.....
Nov. 7	Evart Harness Shop	Evart	Harness	1	.....	1	.....
Nov. 7	Evart Milling Co	Evart	Grain	4	10	14	.....
Nov. 7	Evart Planing Mill	Evart	Lumber	2	.....	2	.....
Nov. 7	Evart Review, The	Evart	Printed matter	2	.....	2	.....
Nov. 7	Evart Water & Power Station	Evart	Light and water	3	.....	3	.....
Nov. 7	Farrar, Ed. B	Evart	Sheet metal	1	.....	1	.....
Nov. 7	Glossenger, Charles	Evart	Cigars	1	.....	1	.....
Nov. 7	Sherman, M. W	Evart	Blacksmithing	1	.....	1	.....
Nov. 7	Shore, Samuel	Evart	Flowers	4	1	5	.....
Nov. 7	Shore, William R	Evart	Lumber	2	.....	2	.....
Nov. 7	Smith, J. K	Evart	Plumbing	1	.....	1	.....
Nov. 7	Warren, Carrie	Evart	Millinery	.....	1	1	.....
Nov. 7	Electric Light Plant	Hersey	Electricity	1	.....	1	.....
Nov. 7	Hersey Creamery	Hersey	Dairy products	1	.....	1	.....
Nov. 7	Hersey Roller Mills	Hersey	Grain	2	.....	2	.....
Nov. 7	Hilderly & Kinney	Hersey	Blacksmithing	2	.....	2	.....
Nov. 7	Osceola News, The	Hersey	Printed matter	1	.....	1	.....
Nov. 13	Alberts, John	Marion	Blacksmithing	2	.....	2	.....
Nov. 13	City Meat Market	Marion	Meats	3	.....	3	.....
Nov. 13	Ex-Cel-O, The	Marion	Paint	3	1	4	.....
Nov. 13	Marion Bakery	Marion	Baked goods	1	1	2	.....
Nov. 13	Marion Cooperative Creamery, The	Marion	Dairy products	1	.....	1	.....
Nov. 13	Marion Garage, The	Marion	Auto repairing	2	.....	2	.....
Nov. 13	Marion Grain Co., The	Marion	Grain	5	11	16	.....
Nov. 13	Marion Lumber Co., The	Marion	Lumber	2	1	3	.....
Nov. 13	Marion Roller Mills	Marion	Grain	1	.....	1	.....
Nov. 13	Miller Michigan Potato House	Marion	Potatoes	1	.....	1	.....
Nov. 13	Northern Osceola Press	Marion	Printed matter	2	1	3	.....
Nov. 13	Osceola Rural Telephone Co	Marion	Telephone service	1	3	4	.....
Nov. 13	Rexford Brothers	Marion	Harness	3	.....	3	.....
Nov. 7	Acme Tie Company of Michigan	Reed City	Railroad ties	3	.....	3	.....
Nov. 8	Auer, A. J	Reed City	Tailoring	1	.....	1	.....
Nov. 8	Babcock Grain Co	Reed City	Grain	5	.....	5	.....
Nov. 8	Boedham, Arthur	Reed City	Harness	1	.....	1	.....
Nov. 8	Bettin Brothers	Reed City	Grain	3	.....	3	.....
Nov. 7	Citizens Telephone Co	Reed City	Telephone service	2	6	8	.....
Nov. 8	Curtis Brothers	Reed City	Grain	4	2	6	.....
Nov. 8	Upp, Ervin	Reed City	Meats	4	.....	4	.....
Nov. 7	Forest Tile Flooring Co	Reed City	Flooring	3	.....	3	.....
Nov. 8	Goldammer Brothers	Reed City	Meats	3	.....	3	.....
Nov. 7	Horner, William	Reed City	Flooring	134	2	136	3
Nov. 8	Johnson, Sam T	Reed City	Auto repairing	5	.....	5	.....
Nov. 8	Kienitz Monument Works	Reed City	Monuments	2	.....	2	.....
Nov. 7	Martz, M. C	Reed City	Blacksmithing	2	.....	2	.....
Nov. 7	Michigan Wood Preserving Co., The	Reed City	Railroad ties	13	.....	13	.....
Nov. 8	Osceola County Herald	Reed City	Printed matter	5	1	6	.....
Nov. 8	Osceola Light & Power Co	Reed City	Electricity and water	4	1	5	.....
Nov. 7	Osceola City Butter Co	Reed City	Dairy products	1	.....	1	.....
Nov. 7	Reed City Kiln Drying Co	Reed City	Kiln drying	11	1	12	.....
Nov. 8	Reed City Steam Laundry, The	Reed City	Laundry	1	4	5	.....
Nov. 7	Reed City Water Works	Reed City	Water	2	.....	2	.....
Nov. 7	Reed City Woolen Mills	Reed City	Woolen goods	4	5	9	.....
Nov. 7	Standard Oil Co	Reed City	Oils	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OSCEOLA CO.—*Con.*						
Nov. 7	Stowe, Frank W	Reed City	Lumber	6	.....	6	.....
Nov. 8	Stuhlfant, August	Reed City	Shoemaking	2	.....	2	.....
Nov. 8	Van's Bakery	Reed City	Baked goods	2	2	4	.....
Nov. 8	Weinrich & Hoffmeyer	Reed City	Plumbing	2	.....	2	.....
Nov. 7	Welsh & Kerry Co	Reed City	Hardware and plumbing	38	2	40	.....
Nov. 8	Wheeler, C. E	Reed City	Plumbing	1	.....	1	.....
	OSCODA COUNTY.						
Dec. 18	Mio Electric Light & Power Co	Mio	Light	4	.....	4	.....
Dec. 18	Hochstetler, W. H	Mio	Auto repairing	2	.....	2	.....
Dec. 17	Telegram-News, The	Mio	Printed matter	1	2	3	.....
	OTSEGO COUNTY.						
Nov. 23	Grand Rapids & Indiana Railway Co	Elmira	Car repairing	6	.....	6	.....
Nov. 27	Stafford, F. J	Elmira	Produce	2	.....	2	.....
Nov. 23	Weaver, William & Son	Elmira	Lumber and feed	2	.....	2	.....
Nov. 21	Buck & Stevens	Gaylord	Potatoes	6	.....	6	.....
Nov. 21	Costello & Co	Gaylord	Farm products	5	.....	5	.....
Sept. 19	Dayton Last Block Works	Gaylord	Last blocks	56	1	57	.....
Nov. 21	Hankey Milling Co	Gaylord	Flour	2	.....	2	.....
Sept. 9	Humphrey Brothers	Gaylord	Lumber	2	.....	2	.....
Sept. 21	Gaylord Light & Water Works	Gaylord	Light and water	5	.....	5	.....
Sept. 19	Gaylord Lumber & Fuel Co	Gaylord	Lumber, etc	3	.....	3	.....
Sept. 20	Gaylord Mfg. Co., The	Gaylord	Machinery	8	1	9	.....
Sept. 19	Gaylord Roller Mills	Gaylord	Flour	2	.....	2	.....
Nov. 22	Grant, J. W	Gaylord	Baked goods	1	1	2	.....
Nov. 21	Griffith, Nina A	Gaylord	Millinery	.....	2	2	.....
Nov. 21	Nevill, M. & A	Gaylord	Millinery	.....	2	2	.....
Sept. 20	Noa, Frank	Gaylord	Meats	2	.....	2	.....
Sept. 19	Northern Auto Co	Gaylord	Auto repairing	5	.....	5	.....
Nov. 21	Onaway-Alpena Telephone Co	Gaylord	Telephone service	1	4	5	.....
Sept. 19	Otsego County Advance	Gaylord	Printed matter	3	.....	3	.....
Sept. 19	Otsego County Herald and Times	Gaylord	Job printing	3	.....	3	.....
Nov. 22	Rolinski, John	Gaylord	Auto repairing	1	.....	1	.....
Sept. 19	Saginaw Wood Products Co	Gaylord	Novelty goods	77	27	104	5
Sept. 20	Schreur, Allen	Gaylord	Meats	5	.....	5	1
Sept. 21	Johannesburg Mfg. Co., The	Johannesburg	Lumber	47	.....	47	.....
Nov. 20	Gooseberry, Dan	Vanderbilt	Blacksmithing	2	.....	2	.....
Nov. 17	Onaway-Alpena Telephone Co	Vanderbilt	Telephone service	.....	2	2	.....
Nov. 17	Scott, W. H	Vanderbilt	Meats	2	.....	2	.....
Nov. 17	Vanderbilt Electric Light & Power Co	Vanderbilt	Power and light	1	.....	1	.....
Nov. 17	Vanderbilt Mfg. Co	Vanderbilt	Chairs	29	5	34	.....
Nov. 20	Yuill Brothers	Vanderbilt	Lumber	44	1	45	.....
Nov. 20	Yuill Brothers	Vanderbilt	Forest products	95	1	96	.....
	OTTAWA COUNTY.						
Jan. 16	Blink Brothers	Berlin	Lumber, coal, etc	2	.....	2	.....
Jan. 16	Shaw, H	Berlin	Blacksmithing	2	.....	2	.....
Jan. 3	Borculo Creamery Co	Borculo	Dairy products	3	.....	3	.....
Jan. 31	Conklin Lumber Co	Conklin	Lumber	3	.....	3	.....
Jan. 31	Conklin Roller Mills	Conklin	Flour and feed	3	.....	3	.....
Jan. 31	De Voll, W	Conklin	Lumber	6	.....	6	.....
Jan. 31	Farmers Cooperative Creamery Assn	Conklin	Dairy products	3	.....	3	.....
Jan. 31	Lacey, Frank	Conklin	Blacksmithing	2	.....	2	.....
Jan. 15	Bonner, A. E	Coopersville	Auto repairing	4	1	5	.....
Jan. 16	Coopersville Condensed Milk Co	Coopersville	Condensed milk	11	1	12	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OTTAWA CO.—*Con.*						
Jan. 15	Coopersville Observer	Coopersville	Printed matter	3	.....	3	.....
Jan. 16	Coopersville Sun	Coopersville	Printed matter	2	1	3	.....
Jan. 15	Crystal Creamery	Coopersville	Dairy products	2	.....	2	.....
Jan. 16	Daggett, E. P. Canning Co	Coopersville	Canned goods	66	38	104	16
Jan. 15	Deshane, Charles	Coopersville	Blacksmithing	2	.....	2	.....
Jan. 15	Durham, M	Coopersville	Flour, feed, coal, etc	3	.....	3	.....
Jan. 15	Durham Hardware Co	Coopersville	Hardware and plumbing	5	.....	5	.....
Jan. 15	Goodrich, B. O	Coopersville	Lumber	2	.....	2	.....
Jan. 15	Hillman Hardware Co	Coopersville	Hardware & automobiles	4	.....	4	.....
Jan. 15	Hillman Hardware Co	Coopersville	Plumbing	3	.....	3	.....
Jan. 15	Laug Brothers	Coopersville	Grain, feed, brick, etc	5	.....	5	.....
Jan. 16	McKinnon, A	Coopersville	Harness & shoe repairing	2	.....	2	.....
Jan. 15	Mohrhard, Wm	Coopersville	Meats	2	.....	2	.....
Jan. 15	Mooney, John & Son	Coopersville	Flour and feed	2	.....	2	.....
Jan. 15	Peerless Glove Co	Coopersville	Gloves	3	11	14	.....
Jan. 15	Thompson, George W	Coopersville	Blacksmithing	2	.....	2	.....
Jan. 15	United Home Telephone Co	Coopersville	Telephone service	1	3	4	.....
Jan. 16	Van Alsburg & Bush	Coopersville	Lumber	4	.....	4	.....
Jan. 15	Westover, John G	Coopersville	Blacksmithing	2	.....	2	.....
Nov. 11	Johnston Brothers	Ferrysburg	Boilers	107	.....	107	.....
Jan. 5	Brouwer, J. H	Forest Grove	Flour and feed	2	.....	2	.....
Jan. 15	Jamestown Creamery Co	Forest Grove	Dairy products	2	.....	2	.....
Jan. 1	Amazon Knitting Co	Grand Haven	Knit goods	4	132	136	11
Jan. 11	American Brass Novelty Co	Grand Haven	Brass goods	33	7	40	.....
Jan. 10	Bolt, H. V	Grand Haven	Meats	3	.....	3	1
Jan. 10	Bolt & Casemier	Grand Haven	Meats	2	.....	2	.....
Jan. 10	Bosman, J. William	Grand Haven	Dry cleaning	3	.....	3	.....
Jan. 11	Boyd's Garage & Livery	Grand Haven	Auto repairing	3	.....	3	.....
Jan. 19	Challenge Machinery Co., The	Grand Haven	Machinery	167	8	175	1
Jan. 8	Challenge Refrigerator Co	Grand Haven	Refrigerators	170	1	171	.....
Jan. 11	Chicago File & Rasp Co	Grand Haven	Files	43	1	44	.....
Jan. 10	Cosgrove, A. M	Grand Haven	Plumbing	5	.....	5	.....
Jan. 8	Dake Engine Co	Grand Haven	Engines	133	1	134	.....
Jan. 10	De Boe, Peter	Grand Haven	Ice cream	2	2	4	.....
Jan. 8	Dornbos, H. J. & Brother	Grand Haven	Fish	7	.....	7	.....
Jan. 9	Eagle-Ottawa Leather Co	Grand Haven	Inner soles	6	7	13	.....
Jan. 9	Eagle-Ottawa Leather Co	Grand Haven	Leather	243	2	245	6
Jan. 10	East End Bakery	Grand Haven	Baked goods	3	1	4	.....
Jan. 10	Electric Shoe Shop	Grand Haven	Shoe repairing	3	.....	3	.....
Jan. 10	Grand Haven Monument Works	Grand Haven	Monuments	3	.....	3	.....
Jan. 9	Fountain Specialty Co	Grand Haven	Soda fountains	61	2	63	.....
Jan. 10	Franklin Press, The	Grand Haven	Printed matter	3	1	4	.....
Jan. 8	Grand Haven Baking Co	Grand Haven	Baked goods	10	.....	10	.....
Jan. 8	Grand Haven Brass Foundry	Grand Haven	Brass goods	9	.....	9	.....
Jan. 10	Grand Haven Electric Supply Co	Grand Haven	Electrical supplies	3	1	4	.....
Jan. 11	Grand Haven Light & Water Dept	Grand Haven	Light and water	7	.....	7	.....
Jan. 10	Grand Haven Gas Co	Grand Haven	Gas	12	1	13	.....
Jan. 10	Grunst, William	Grand Haven	Cigars	1	.....	1	.....
Jan. 10	Grand Trunk Railway System	Grand Haven	Repairing	10	.....	10	.....
Jan. 9	Hamilton Motors Co	Grand Haven	Trucks	38	5	43	.....
Jan. 10	Hartel Brothers	Grand Haven	Sheet iron	5	.....	5	.....
Jan. 9	Heap, William & Sons	Grand Haven	Wood work	56	2	58	5
Jan. 10	Higman Package Co	Grand Haven	Fruit packages	62	10	72	.....
Jan. 9	Keller Pneumatic Tool Co	Grand Haven	Tools	212	18	230	8
Jan. 9	Kinkema, E. P. & Co	Grand Haven	Fish	4	.....	4	.....
Jan. 10	Kinkema, Ed. H	Grand Haven	Game and fish	2	.....	2	.....
Jan. 10	Stap, Martin	Grand Haven	Flour, feed and grain	2	1	3	.....
Jan. 10	Muller, G. J	Grand Haven	Cigars	2	.....	2	.....
Jan. 10	Nay's Market	Grand Haven	Meats	3	.....	3	.....
Jan. 8	Peerless Glove Co	Grand Haven	Gloves	17	21	38	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OTTAWA CO.—*Con.*						
Jan. 8	Peerless Novelty Co	Grand Haven	Pins and needles	25	12	37	.....
Jan. 10	Peoples Clothing & Tailoring Co., The	Grand Haven	Tailoring	2	1	3	.....
Jan. 10	Ringelberg, Henry	Grand Haven	Meats	2	.....	2	.....
Jan. 10	Seligman, Edward	Grand Haven	Cigars	5	1	6	.....
Jan. 11	Smith, Edward C	Grand Haven	Garage	3	.....	3	.....
Jan. 8	Smith Baking Co	Grand Haven	Baked goods	2	1	3	.....
Jan. 8	Story & Clark Piano Co	Grand Haven	Pianos	217	26	243	.....
Jan. 11	Thielman Auto Co	Grand Haven	Auto repairing	4	.....	4	.....
Jan. 10	Tribune, The	Grand Haven	Printed matter	7	1	8	.....
Jan. 8	Van Lopik, G. P. & Co	Grand Haven	Blouses	5	32	37	.....
Jan. 10	Van Tol Brothers	Grand Haven	Plumbing	5	.....	5	.....
Jan. 10	Van Zylen, P	Grand Haven	Lumber and feed	11	.....	11	.....
Jan. 10	Ver Berkmoes, C	Grand Haven	Cigars	4	.....	4	.....
Jan. 11	Ver Duin, C. & Co	Grand Haven	Fish	9	.....	9	.....
Jan. 10	Vyn Brothers	Grand Haven	General delivery	10	.....	10	.....
Dec. 18	American Humidifier & Ventilating Co.	Holland	Ventilating systems	5	1	6	.....
Dec. 18	Bay View Furniture Co	Holland	Furniture	87	1	88	.....
Dec. 20	Beach Milling Co	Holland	Flour and feed	5	1	6	.....
Dec. 28	Bertsch, Charles S. Electric Co	Holland	Electrical supplies	3	1	4	.....
Dec. 18	Bishop & Raffenaud	Holland	Bicycle repairing	2	.....	2	.....
Dec. 28	Board of Public Works	Holland	Light and water	20	4	24	.....
Dec. 27	Bolhuis Lumber & Mfg. Co	Holland	Lumber	11	1	12	.....
Dec. 28	Brieve, F	Holland	Baked goods	3	1	4	.....
Dec. 17	Brownwall Engine & Pulley Co., The	Holland	Gasoline and oil engines	26	1	27	.....
Dec. 28	Bush & Lane Piano Co	Holland	Pianos	170	13	183	18
Dec. 21	Buss Machine Works	Holland	Machinery	48	1	49	.....
Dec. 19	Cappon & Bertsch Leather Co	Holland	Leather	338	1	339	3
Dec. 19	Citizens Telephone Co	Holland	Telephone service	5	10	15	.....
Dec. 20	City Garage	Holland	Auto repairing	4	.....	4	.....
Dec. 21	City Market	Holland	Meats	2	.....	2	.....
Dec. 17	Cook, G. Co	Holland	Flour and feed	4	.....	4	.....
Jan. 15	Crisp Creamery	Holland	Dairy products	1	.....	1	.....
Dec. 19	De Grondwet Printing House	Holland	Job printing	8	1	9	.....
Dec. 27	De Hope Publishing Co	Holland	Job printing	3	.....	3	1
Dec. 17	De Pree Chemical Co., The	Holland	Chemicals	55	53	108	7
Dec. 17	De Pree Chemical Co., The	Holland	Chemicals	11	.....	11	.....
Dec. 28	Domestic Bakery	Holland	Baked goods	3	.....	3	1
Dec. 17	Donnelly-Kelly Glass Co	Holland	Mirrors	17	1	18	.....
Dec. 28	Dunn, W. E. Mfg. Co	Holland	Machinery	12	2	14	.....
Dec. 18	Dykema, Nick	Holland	Tailoring	3	1	4	.....
Dec. 28	Economy Cash Meat Market	Holland	Meats	2	.....	2	.....
Dec. 28	Economy Printing Co	Holland	Job printing	2	1	3	1
Dec. 18	Globe Carving Works	Holland	Carving	6	.....	6	.....
Dec. 21	Harrington, Austin	Holland	Coal and wood	13	1	14	.....
Dec. 19	Hayden Auto Co	Holland	Auto repairing	4	.....	4	.....
Dec. 18	Heinz, H. J. Co	Holland	Pickles	60	15	75	1
Dec. 19	Holland Aniline Co	Holland	Dye	61	1	62	.....
Dec. 28	Holland Baking Co	Holland	Baked goods	4	.....	4	.....
Dec. 17	Holland Canning Co	Holland	Canned goods	20	47	67	.....
Dec. 28	Holland Cheese Co	Holland	Dairy products	5	.....	5	.....
Dec. 27	Holland Chemical Co	Holland	Chemicals	2	.....	2	.....
Dec. 28	Holland City Gas Co	Holland	Gas and fuel	10	2	12	.....
Dec. 28	Holland City News	Holland	Printed matter	4	1	5	.....
Dec. 20	Holland Crystal Creamery	Holland	Dairy products	10	1	11	1
Dec. 21	Holland Dry Cleaners	Holland	Dry cleaning	1	1	2	.....
Dec. 27	Holland Furnace Co	Holland	Furnaces	258	19	277	7
Dec. 17	Holland Furniture Co	Holland	Furniture	154	3	157	3
Dec. 27	Holland Ladder & Mfg. Co	Holland	Ladders	5	.....	5	.....
Dec. 27	Holland Lighting & Specialty Co	Holland	Veterinary supplies	19	1	20	.....
Dec. 18	Holland Lumber & Supply Co	Holland	Lumber	9	1	10	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OTTAWA CO.—*Con.*						
Dec. 21	Holland Printing Co.	Holland	Job printing	4	.....	4	.....
Dec. 29	Holland Rug Co.	Holland	Rugs and carpets	2	.....	2	.....
Dec. 21	Holland Rusk Co.	Holland	Baked goods	13	18	31	.....
Dec. 27	Holland-St. Louis Sugar Co.	Holland	Sugar	162	5	167	.....
Dec. 19	Holland Sentinel Publishing Co.	Holland	Printed matter	6	1	7	1
Dec. 18	Holland Shoe Co.	Holland	Shoes	198	155	353	40
Dec. 20	Home Furnace Co.	Holland	Furnaces	32	1	33	.....
Dec. 28	Huizenga, John Y. & Co.	Holland	Feed and fuel	8	.....	8	.....
Dec. 19	Huntley Machinery Co.	Holland	Machine repairing	4	.....	4	.....
Dec. 21	Kanters, J. D.	Holland	Job printing	2	.....	2	.....
Dec. 17	Keppel's, T. Sons	Holland	Fuel	8	.....	8	.....
Dec. 28	Klaasen Printing Co.	Holland	Job printing	4	.....	4	.....
Dec. 27	Komforter Kotton Co.	Holland	Cotton goods	2	11	13	.....
Dec. 28	Kraker, Henry, Plumbing & Heating Co.	Holland	Plumbing	8	.....	8	.....
Dec. 28	Lampen Brothers	Holland	Blacksmithing	3	.....	3	.....
Dec. 27	Lanting, L.	Holland	Repairing	2	.....	2	.....
Dec. 20	Limpert, Charles P. Co.	Holland	Furniture	188	33	221	14
Dec. 24	Michigan State Telephone Co.	Holland	Telephone service	1	4	5	.....
Dec. 21	Michigan Tea Rusk Co.	Holland	Baked goods	8	5	13	.....
Dec. 21	Model Laundry	Holland	Laundry	3	6	9	.....
Dec. 21	Ottawa Furniture Co.	Holland	Furniture	117	3	120	1
Dec. 28	Peoples Garage	Holland	Auto repairing	4	.....	4	.....
Dec. 18	Poole Brothers	Holland	Job printing	19	29	48	4
Dec. 17	Poole Brothers	Holland	Furniture	5	.....	5	.....
Dec. 17	Scott-Lugers Lumber Co.	Holland	Lumber	11	.....	11	.....
Dec. 17	Standard Grocery & Mfg. Co., Inc.	Holland	Provisions	10	3	13	.....
Dec. 19	Star Auto Co.	Holland	Auto repairing	6	.....	6	.....
Dec. 20	Steel Clad Auto Bow Co.	Holland	Auto top bows	16	.....	16	.....
Dec. 18	Superior Cigar Co., The	Holland	Cigars	3	.....	3	.....
Dec. 20	Superior Foundry Co.	Holland	Castings	67	.....	57	1
Dec. 21	Superior Pure Ice & Machine Co.	Holland	Ice and coal	11	1	12	.....
Dec. 27	Thompson Mfg. Co.	Holland	Furniture	28	1	29	.....
Dec. 29	Van Dyk, J.	Holland	Baked goods	3	2	5	.....
Dec. 21	Van Landegend, Tyler	Holland	Plumbing	3	.....	3	.....
Dec. 21	Van Tongeren Cigar Co.	Holland	Cigars	2	23	25	.....
Dec. 27	Van Woorst Brothers	Holland	Cement blocks	6	.....	6	.....
Dec. 27	Van Eyck-Weurding Milling Co.	Holland	Flour and feed	6	1	7	.....
Dec. 27	Venhuisen Auto Co.	Holland	Auto repairing	3	.....	3	.....
Dec. 19	Waganaar & Hamm	Holland	Ice cream	2	.....	2	.....
Jan. 10	Weener & Westrate	Holland	Feed, grain and lumber	2	.....	2	.....
Dec. 21	West Michigan Furniture Co.	Holland	Furniture	158	4	162	16
Dec. 19	West Michigan Steam Laundry	Holland	Laundry	2	16	18	.....
Dec. 28	Westrate Brothers	Holland	Auto repairing	3	.....	3	.....
Dec. 17	Yonker Plumbing & Heating Co.	Holland	Plumbing	4	1	5	.....
Dec. 21	Zwemer, H. P.	Holland	Feed and fuel	3	.....	3	.....
Jan. 5	Interurban Creamery Co.	Jamestown	Dairy products	2	.....	2	.....
Jan. 5	Jamestown Cooperative Elevator Co.	Jamestown	Grain and feed	2	.....	2	.....
Jan. 5	Van Noord, H. & Son	Jamestown	Feed	2	.....	2	.....
Jan. 5	Jenison, L. & L. Co.	Jenison	Flour and feed	7	1	8	.....
Jan. 5	Brown, R. S.	Nunica	Grain and feed	2	.....	2	.....
Jan. 15	Spring Lake Laundry	Spring Lake	Laundry	1	5	6	.....
Dec. 28	Michigan Railway Co.	Virginia Park	Car repairing	22	2	24	.....
Jan. 5	De Groot, William	Vriesland	Repairing	1	.....	1	.....
Jan. 5	Van Haitsma, T. W.	Vriesland	Feed	2	.....	2	.....
Jan. 5	Vriesland Creamery Co.	Vriesland	Dairy products	2	.....	2	.....
Jan. 4	Beaverdam Creamery Co.	Zeeland	Dairy products	3	.....	3	.....
Jan. 3	Berghorst, B. J. W.	Zeeland	Plumbing	4	.....	4	.....
Jan. 3	Central Meat Market	Zeeland	Meats	3	.....	3	.....
Jan. 4	Colonial Mfg. Co.	Zeeland	Furniture	74	4	78	.....
Jan. 3	Consumers Power Co.	Zeeland	Electricity	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	OTTAWA CO.—*Con.*						
Jan. 3	De Hoop, William	Zeeland	Cement blocks	3	.....	3	.....
Jan. 3	De Pree, Peter D	Zeeland	Tinning	2	.....	2	.....
Jan. 4	De Pree, William Co	Zeeland	Tinning	3	.....	3	.....
Jan. 3	Enterprise Meat Market	Zeeland	Meats	2	.....	2	.....
Jan. 3	Holleman-DeWeerd Auto Co	Zeeland	Auto repairing	3	.....	3	.....
Jan. 3	Karsten, H. H. & Brother	Zeeland	Auto repairing	3	.....	3	.....
Jan. 3	Kooyer's Bakery	Zeeland	Baked goods	1	1	2	.....
Jan. 3	Lookerse, Henry	Zeeland	Plumbing	2	.....	2	.....
Jan. 4	Michigan Furniture Co	Zeeland	Furniture	58	5	63	5
Jan. 4	Moeke, G. & Sons	Zeeland	Lumber	18	1	19	.....
Jan. 3	Phenix Cheese Co	Zeeland	Dairy products	26	10	36	1
Jan. 4	Vanderpels, H	Zeeland	Repairing	2	.....	2	.....
Jan. 3	Van Eenenaam, H. & Brother	Zeeland	Cigars	21	15	36	.....
Jan. 3	Ver Hage Milling Co	Zeeland	Flour and feed	6	.....	6	.....
Jan. 3	Van Lopik Knitting Co	Zeeland	Knit goods	1	5	6	.....
Jan. 3	Wichers Lumber Co	Zeeland	Lumber	12	1	13	.....
Jan. 4	Wolverine Furniture Co	Zeeland	Furniture	71	5	76	4
Jan. 4	Zeeland Brick Co	Zeeland	Brick	21	.....	21	.....
Jan. 3	Zeeland City Garage	Zeeland	Auto repairing	3	.....	3	.....
Jan. 4	Zeeland Fuel & Lime Co	Zeeland	Fuel	6	1	7	.....
Jan. 3	Zeeland Furniture Mfg. Co	Zeeland	Furniture	73	.....	73	.....
Jan. 3	Zeeland Knitting Co	Zeeland	Knit goods	1	3	4	.....
Jan. 4	Zeeland Milling Co	Zeeland	Flour and feed	4	1	5	.....
Jan. 4	Zeeland Ornamental Co	Zeeland	Casket trimmings	15	9	24	.....
Jan. 3	Zeeland Record Co., The	Zeeland	Printed matter	3	3	6	1
Jan. 3	Zeeland Rusk Co	Zeeland	Baked goods	2	.....	2	.....
Jan. 3	Zeeland Wood Turning Works	Zeeland	Lumber	2	.....	2	.....
	PRESQUE ISLE COUNTY.						
Oct. 30	Kunsi, Alvah R	Hawks	Lumber	8	.....	8	.....
Oct. 30	Sellke, Albert	Hawks	Wooden bowls	8	.....	8	.....
Oct. 30	Stevens, M. G	Hawks	Shingles	5	.....	5	.....
Oct. 31	Robins, C. M	Millersburg	Lumber	6	.....	6	.....
Oct. 29	Lewandowski, Walter	Posen	Lumber and shingles	7	.....	7	.....
Aug. 21	Robinson-Eymer Lumber Co	Posen	Lumber	14	.....	14	.....
Oct. 29	Twining Elevator Co	Posen	Grain and beans	1	.....	1	.....
Aug. 21	Wyrembelski, Anthony	Posen	Flour	2	.....	2	.....
Aug. 22	American Wood Rim Co., The	Onaway	Bicycle rims	614	75	689	48
Nov. 1	Hankey Milling Co	Onaway	Flour, feed, etc	3	.....	3	.....
Aug. 25	Huyck, A. J	Onaway	Harness	2	.....	2	.....
Nov. 1	Leder, Herbert	Onaway	Blacksmithing	2	.....	2	.....
Aug. 22	Lynn, John	Onaway	Auto repairing	3	.....	3	.....
Aug. 23	McNalley, George W	Onaway	Blacksmithing	1	.....	1	.....
Nov. 1	Mahoney, D. & D	Onaway	Lumber	17	.....	17	.....
Nov. 1	Onaway-Alpena Telephone Co	Onaway	Telephone service	1	4	5	.....
Nov. 1	Onaway Electric Light & Power Co	Onaway	Light and power	4	1	5	.....
Aug. 23	Onaway Outlook, The	Onaway	Printed matter	2	1	3	.....
Aug. 23	Onaway Water Works	Onaway	Water	3	.....	3	.....
Aug. 25	Reeves, C. F	Onaway	Auto repairing	2	.....	2	.....
Nov. 1	Schneider, Charles	Onaway	Baked goods	3	1	4	.....
Aug. 24	Trudeau, Frank	Onaway	Repairing	1	.....	1	.....
Aug. 25	Verbeck, Vet	Onaway	Meats	3	.....	3	.....
Aug. 24	Waggoner, Lewis E	Onaway	Meats	3	.....	3	.....
Aug. 23	Wiltshire & Anderson	Onaway	Blacksmithing	2	.....	2	.....
Aug. 20	Bertram, A. F	Rogers City	Lumber	5	.....	5	.....
Aug. 20	Bruder, Edward A	Rogers City	Blacksmithing	2	.....	2	.....
Aug. 21	Chamberlain, Will	Rogers City	Contracting	27	.....	27	3
Aug. 20	Fisch, Fred, Brewery	Rogers City	Beer	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	PRESQUE ISLE CO.—*Con.*						
Nov. 2	Friedrich Milling Co	Rogers City	Flour and grain	5	.....	5	.....
Aug. 21	Michigan Limestone & Chemical Co	Rogers City	Limestone	591	.....	591	2
Nov. 2	Onaway-Alpena Telephone Co	Rogers City	Telephone service	1	3	4	.....
Aug. 21	Plath, Emil	Rogers City	Meats	3	.....	3	.....
Nov. 2	Presque Isle County Advance	Rogers City	Printed matter	2	2	4	.....
Nov. 2	Rogers City Bakery	Rogers City	Baked goods	2	.....	2	.....
Nov. 2	Rogers City Electric Light & Power Co.	Rogers City	Power and light	2	.....	2	.....
Aug. 20	Schmekel, O. A	Rogers City	Auto repairing	6	.....	6	.....
	ROSCOMMON COUNTY.						
Aug. 14	Michelson Lumber Co	Michelson	Lumber	80	.....	80	.....
Aug. 14	Au Sable River Creamery Co	Roscommon	Dairy products	2	.....	2	.....
Aug. 14	Dye, J. H	Roscommon	Auto repairing	2	.....	2	.....
Aug. 14	Herald Publishing Co., The	Roscommon	Printed matter	2	.....	2	.....
	SAGINAW COUNTY.						
Dec. 18	Arctic Ice Cream Co	Birch Run	Ice cream	2	.....	2	.....
Dec. 18	Billings, J. C	Birch Run	Baked goods	2	1	3	.....
Dec. 18	Birch Run Leader	Birch Run	Printed matter	2	1	3	.....
Dec. 18	Dewey, C. S	Birch Run	Farm implements	2	.....	2	.....
Dec. 18	Dowd, John V	Birch Run	Blacksmithing	2	.....	2	.....
Dec. 18	Lawerence, V. G. & Co	Birch Run	Tinning	2	1	3	.....
Dec. 18	Otheinss, J	Birch Run	Meats	2	.....	2	.....
Dec. 18	Reid Garage	Birch Run	Auto repairing	3	.....	3	.....
Dec. 18	Schmitzer, Martin	Birch Run	Blacksmithing	2	.....	2	.....
Dec. 18	Valley Home Telephone Co	Birch Run	Telephone service	.....	2	2	.....
Dec. 18	Wolohan, Charles	Birch Run	Produce	17	2	19	.....
Dec. 18	Zehnder, Herman	Birch Run	Meats	2	.....	2	.....
Sept. 17	Nurminger, John G	Bloomfield Twp.	Blacksmithing	2	.....	2	.....
Dec. 11	Bridgeport Farmers Supply Co., The	Bridgeport	Coal, etc	3	1	4	.....
Dec. 11	McCrary, D. A	Bridgeport	Blacksmithing	2	.....	2	.....
Dec. 11	Todish, F. G	Bridgeport	Meats	1	1	2	.....
Nov. 16	Mershon, Eddy, Parker Co	Carrolton	Lumber	431	35	466	30
Dec. 26	Chesaning Argus, The	Chesaning	Printed matter	2	1	3	.....
Dec. 26	Chesaning Auto Co	Chesaning	Auto repairing	2	.....	2	.....
Dec. 26	Chesaning Farmers' Elevator Co	Chesaning	Grain and beans	3	11	14	.....
Dec. 26	Chesaning Grain Co	Chesaning	Produce	2	11	13	.....
Dec. 26	Chesaning Hardware Co	Chesaning	Auto repairing	5	1	6	.....
Dec. 26	Chesaning Hardware Co	Chesaning	Hardware and implements	13	1	14	.....
Dec. 26	Chesaning Home Bakery	Chesaning	Baked goods	2	1	3	.....
Dec. 26	Chesaning Home Telephone Co	Chesaning	Telephone service	2	6	8	.....
Dec. 26	Chesaning Monitor, The	Chesaning	Printed matter	3	3	6	.....
Dec. 26	Chesaning Milling Co	Chesaning	Flour and feed	2	.....	2	.....
Dec. 26	Chesaning Municipal Electric Light & Water Plant	Chesaning	Light and water	4	1	5	.....
Dec. 26	Chesaning Produce Co	Chesaning	Produce	4	1	5	.....
Dec. 26	Chesaning Sales Co	Chesaning	Auto repairing & hardware	6	1	7	.....
Dec. 26	Doane, L. W	Chesaning	Produce	2	.....	2	.....
Dec. 26	East Side Garage, The	Chesaning	Auto repairing	2	1	3	.....
Dec. 26	Goetzen, Charles F	Chesaning	Tailoring	1	1	2	.....
Dec. 26	Honola, Joe	Chesaning	Tinning	2	.....	2	.....
Dec. 26	McKenzie, H. F. & Co	Chesaning	Sheet iron, etc	2	.....	2	.....
Dec. 26	Miller & Walser	Chesaning	Produce	3	.....	3	.....
Dec. 26	Nason, G. M	Chesaning	Lumber and fuel	3	.....	3	.....
Dec. 26	Peet, G. M. & Son	Chesaning	Meats	12	1	13	.....
Dec. 26	Perrot & Stuart	Chesaning	Machinery	4	.....	4	.....
Dec. 26	Reid & Featherly	Chesaning	Blacksmithing	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW CO.—*Con.*						
Dec. 26	Smith & Peterson	Chesaning	Blacksmithing	2	.....	2	.....
Dec. 26	Swartsmiller & Stuart	Chesaning	Lumber and coal	4	.....	4	.....
Dec. 13	Fechter, Ed	Frankenmuth	Plumbing, etc	2	.....	2	.....
Dec. 14	Frank, John	Frankenmuth	Sash, doors, etc	3	.....	3	.....
Dec. 13	Frankenmuth Brewing Co., The	Frankenmuth	Beer	7	.....	7	.....
Dec. 14	Frankenmuth Light & Power Co	Frankenmuth	Light and power	3	.....	3	.....
Dec. 14	Frankenmuth News, The	Frankenmuth	Printed matter	2	.....	2	.....
Dec. 13	Frankenmuth Woolen Mills	Frankenmuth	Woolen goods	3	20	23	.....
Dec. 13	Geyer Brothers	Frankenmuth	Beer	5	.....	5	.....
Dec. 13	Habke, Fred	Frankenmuth	Wagons, etc	4	.....	4	.....
Dec. 13	Hubinger Brothers	Frankenmuth	Cheese	3	.....	3	.....
Dec. 13	Hubinger Brothers	Frankenmuth	Flour and feed	7	.....	7	.....
Dec. 13	Hubinger, John L. & Arthur G	Frankenmuth	Lumber	4	.....	4	.....
Dec. 13	Kern, H. R	Frankenmuth	Tailoring	1	.....	1	.....
Dec. 13	Mertz, Joseph	Frankenmuth	Shoe repairing	1	.....	1	.....
Dec. 13	Michigan State Telephone Co	Frankenmuth	Telephone service	2	3	5	.....
Dec. 13	Nuechterlein, Adolf	Frankenmuth	Plumbing	4	.....	4	.....
Dec. 13	Ortner Co., The	Frankenmuth	Meats	4	.....	4	.....
Dec. 14	Rau, Max	Frankenmuth	Harness	3	.....	3	.....
Dec. 14	Reichle, Henry C	Frankenmuth	Blacksmithing	2	.....	2	.....
Dec. 13	Rummel, George J. & Co	Frankenmuth	Blacksmithing	2	.....	2	.....
Dec. 13	Rupprecht, George M	Frankenmuth	Meats	2	1	3	.....
Dec. 13	Star of the West Milling Co	Frankenmuth	Flour	10	.....	10	.....
Dec. 14	Stromer, W	Frankenmuth	Photographer	1	.....	1	.....
Dec. 14	Union Cheese Co	Frankenmuth	Cheese	3	.....	3	.....
Dec. 13	Valley Home Telephone Co	Frankenmuth	Telephone service	.....	3	3	.....
Dec. 13	Veitengruber Brothers	Frankenmuth	Cheese boxes, etc	9	.....	9	.....
Dec. 12	Borden, J. B	Freeland	Harness	1	.....	1	.....
Dec. 12	Ferris, Bert	Freeland	Tinning	3	.....	3	.....
Dec. 12	Freeland Star, The	Freeland	Printed matter	3	.....	3	1
Dec. 12	Freeland Elevator Co	Freeland	Grain	2	21	23	.....
Dec. 12	Gould, Mrs. E. F	Freeland	Millinery	.....	2	2	.....
Dec. 12	Laur, A. B	Freeland	Produce	2	.....	2	.....
Dec. 12	Peoples Grain Co., Inc	Freeland	Grain	7	20	27	.....
Dec. 12	Richmond, M	Freeland	Blacksmithing	2	.....	2	.....
Dec. 12	Snyder, John D	Freeland	Meats	1	1	2	.....
Dec. 12	Thompson & Law	Freeland	Meats	2	.....	2	.....
Dec. 12	Vasold Brothers & Co	Freeland	Dairy products	1	.....	1	.....
Dec. 12	Zimmerman, Conrad	Freeland	Blacksmithing	2	.....	2	.....
Jan. 2	Brand & Hardin Milling Co	Gera	Grain	2	.....	2	.....
Dec. 20	Condon, A. L	Hemlock	Blacksmithing	2	.....	2	.....
Dec. 20	Hemlock Creamery Co	Hemlock	Dairy products	3	.....	3	.....
Dec. 20	Hemlock Elevator	Hemlock	Grain, etc	6	30	36	.....
Dec. 20	Hemlock Garage, The	Hemlock	Auto repairing	3	.....	3	.....
Dec. 20	Hemlock News, The	Hemlock	Printed matter	1	1	2	.....
Dec. 20	Murphy, F. M	Hemlock	Produce	1	1	2	.....
Dec. 20	Trahan, Clarence E	Hemlock	Meats	2	.....	2	.....
Dec. 20	Wehner, A. G	Hemlock	Blacksmithing	2	.....	2	.....
Dec. 19	Boutin, John, Jr	Merrill	Lumber	8	.....	8	.....
Dec. 19	Donovan, Emmett R	Merrill	Cigars	2	.....	2	.....
Dec. 19	Fox River Butter Co., The	Merrill	Dairy products	1	.....	1	.....
Dec. 19	Johnson, Horace & Son	Merrill	Wagons, etc	2	.....	2	.....
Dec. 19	Johnson, Thomas D	Merrill	Auto repairing	4	.....	4	.....
Dec. 19	Mayan, C. A	Merrill	Harness	2	1	3	.....
Dec. 19	Merrill Elevator Co	Merrill	Grain and beans	4	23	27	.....
Dec. 19	Merrill Farmers' Elevator Co	Merrill	Grain and beans	5	33	38	.....
Dec. 19	Merrill Garage	Merrill	Auto repairing	4	.....	4	.....
Dec. 19	Merrill Roller Mills, The	Merrill	Feed	2	.....	2	.....
Dec. 19	Michigan Creamery Co	Merrill	Dairy products	1	.....	1	.....
Dec. 19	Ray, Mrs. George	Merrill	Millinery	.....	1	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW CO.—*Con.*						
Dec. 19	Rowland, Cornelius	Merrill	Blacksmithing	2	.....	2	.....
Dec. 19	Sheltraw Brothers	Merrill	Light and power	2	.....	2	.....
Dec. 19	Smith, Henry J	Merrill	Printed matter	1	1	2	.....
Dec. 19	Sullivan, T. J	Merrill	Blacksmithing	2	.....	2	.....
Dec. 19	Swift & Co	Merrill	Dairy products	1	.....	1	.....
Dec. 19	Trahan, Clarence E	Merrill	Meats	3	.....	3	.....
Dec. 19	Valley Home Telephone Co	Merrill	Telephone service	.....	2	2	.....
Dec. 28	City Meat Market, The	Oakley	Meats	2	.....	2	.....
Dec. 28	Cronenwhet, W. H	Oakley	Blacksmithing	2	.....	2	.....
Dec. 28	Detwiler & Son	Oakley	Grain and beans	2	.....	2	.....
Dec. 28	Hall, L. C	Oakley	Grain, etc	2	.....	2	.....
Dec. 28	Hoshield, Herman	Oakley	Farm implements	2	1	3	.....
Dec. 28	Oakley Butter Co	Oakley	Dairy products	2	.....	2	.....
Dec. 28	Oakley Garage	Oakley	Auto repairing	2	.....	2	.....
Sept. 19	Abele, Thomas	Saginaw	Flowers	4	1	5	.....
Nov. 7	Adams Express Co	Saginaw	Express service	21	1	22	.....
Dec. 7	Adams Express Co	Saginaw	Express service	3	.....	3	.....
Oct. 2	Ahern, John	Saginaw	Plumbing	2	1	3	.....
Sept. 18	Ahlgrim, C. L	Saginaw	Meats	2	.....	2	.....
Nov. 27	Alderton, George A. & Co	Saginaw	Provisions	24	2	26	.....
Sept. 21	Alert Pipes & Supply Co	Saginaw	Mill supplies	7	1	8	.....
Nov. 13	American Cash Register Co	Saginaw	Cash registers	107	18	125	4
Dec. 1	American Express Co	Saginaw	Express service	16	1	17	.....
Nov. 20	American Paper Box Co	Saginaw	Paper boxes	4	14	18	.....
Dec. 7	Andrus, Charles A	Saginaw	Monuments	15	1	16	.....
Oct. 8	Appel Steam Bakery	Saginaw	Baked goods	12	4	16	2
Jan. 3	Athenian Sweet Shop, The	Saginaw	Candy	4	2	6	.....
Dec. 7	Aubry, Charles	Saginaw	Dry cleaning	4	9	13	.....
Nov. 7	Auto-Kamp Equipment Co	Saginaw	Camp equipment	5	1	6	.....
Jan. 4	Automatic Faucet & Spigot Co., The	Saginaw	Faucets	8	2	10	.....
Oct. 19	Bad Axe Grain Co	Saginaw	Grain and beans	8	.....	8	.....
Oct. 10	Banner Brewing Co	Saginaw	Beer	23	.....	23	.....
Dec. 3	Baker Garage & Supply Co	Saginaw	Auto repairing	3	.....	3	.....
Nov. 27	Barth, Rudolph	Saginaw	Tailoring	5	2	7	.....
Nov. 27	Barton, F. D. Co	Saginaw	Laundry	22	.....	22	.....
Dec. 7	Bartow & Enright	Saginaw	Passenger service	22	.....	22	.....
Nov. 7	Bartlet, A. F. & Co	Saginaw	Machine shop & foundry	36	2	38	.....
Dec. 5	Bastian Brothers & Co	Saginaw	Job printing	8	1	9	1
Sept. 18	Bauer & Herzberg	Saginaw	Plumbing	3	1	4	.....
Nov. 10	Baxley Market	Saginaw	Meats	3	1	4	.....
Nov. 9	Beach & Davis	Saginaw	Tailoring	13	3	16	.....
Dec. 21	Beckbissinger, William F	Saginaw	Picture frames	1	2	3	.....
Dec. 21	Berger, F. A	Saginaw	Sporting goods	2	.....	2	.....
Oct. 11	Berka, Adolph	Saginaw	Shoe repairing	3	.....	3	.....
Jan. 2	Berkovits, Oscar	Saginaw	Tailoring	2	1	3	.....
Nov. 20	Bernhard Co., The	Saginaw	Silk waists	2	16	18	.....
Dec. 4	Berst Mfg. Co	Saginaw	Toothpicks	9	20	29	.....
Oct. 8	Beuthin, F. & Sons	Saginaw	Meats	4	.....	4	1
Oct. 4	Black & Brenner	Saginaw	Auto repairing	11	2	13	.....
Sept. 21	Blackney Cigar Co	Saginaw	Cigars	9	4	13	.....
Nov. 22	Blackwell, Edwin	Saginaw	Photographer	1	.....	1	.....
Dec. 6	Bliss System, The	Saginaw	Printed matter	2	4	6	.....
Nov. 14	Bliss & Van Auken Lumber Co	Saginaw	Lumber	159	.....	159	2
Dec. 7	Boergert, Fred A	Saginaw	Tailoring	2	.....	2	.....
Oct. 27	Wickes Boiler Co., The	Saginaw	Boilers	222	6	228	9
Oct. 18	Bolton Auto Co	Saginaw	Auto service	6	.....	6	.....
Nov. 28	Bon Ton Millinery	Saginaw	Millinery	.....	5	5	.....
Nov. 10	Booth & Boyd Lumber Co	Saginaw	Lumber	78	2	80	2
Dec. 5	Bootie Messenger Service	Saginaw	Messenger service	4	.....	4	2
Nov. 27	Boston Hat Cleaning Co., The	Saginaw	Hat cleaning	5	.....	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW CO.—*Con.*						
Dec. 7	Bouliew, Archie	Saginaw	Blacksmithing	2	.....	2	.....
Dec. 3	Brady, A. H.	Saginaw	Meats	1	.....	1	.....
Nov. 19	Brand & Hardin	Saginaw	Flour and feed	17	9	26	.....
Nov. 27	Brandi, Micheal	Saginaw	Tailoring	1	1	2	.....
Nov. 12	Bransfield-Billings Action & Sup. Co.	Saginaw	Piano parts	144	106	250	13
Oct. 16	Breiter, John S.	Saginaw	Blacksmithing	3	.....	3	.....
Dec. 1	Bressler, Robert & Son	Saginaw	Coal and wood	4	.....	4	.....
Sept. 26	Brimson, J. H.	Saginaw	Millinery	1	3	4	.....
Dec. 22	Brix, H. H.	Saginaw	Furs	2	4	6	.....
Nov. 8	Brooks Mfg. Co.	Saginaw	Boats and furniture	39	3	42	4
Nov. 5	Brown Brothers	Saginaw	Plumbing	3	1	4	.....
Sept. 18	Brown, Fred A.	Saginaw	Plumbing	2	.....	2	.....
Oct. 13	Buckel, Harry	Saginaw	Hides	3	.....	3	.....
Oct. 3	Buckler, Miss Mina	Saginaw	Millinery	.....	6	6	.....
Nov. 23	Bujouves Co.	Saginaw	Shoe repairing	3	.....	3	1
Oct. 5	Burdick's Seed House	Saginaw	Seeds	5	1	6	.....
Oct. 16	Burrier, Otto R.	Saginaw	Machinery	4	.....	4	.....
Nov. 20	Busch, F. C.,	Saginaw	Book binding	1	1	2	.....
Nov. 22	Byron, George G.	Saginaw	Blacksmithing	1	.....	1	.....
Oct. 4	Mills, Calam	Saginaw	Flour and feed	10	1	11	1
Oct. 22	Campbell, A. W.	Saginaw	Repairing	2	.....	2	.....
Oct. 3	Cannan, C. H.	Saginaw	Plumbing	2	1	3	.....
Oct. 16	Canutson, Maurice	Saginaw	Repairing	2	.....	2	.....
Oct. 22	Carlisle, F. W. & F.	Saginaw	Harness	138	1	139	2
Dec. 7	Carpenter, Lon	Saginaw	Cigars	5	1	6	.....
Nov. 7	Carten & Levin	Saginaw	Tailoring	2	16	18	.....
Nov. 23	Catterfield, Edward F.	Saginaw	Job printing	1	.....	1	.....
Oct. 4	Central Cut Glass Co.	Saginaw	Cut glass	2	.....	2	.....
Oct. 17	Central Warehouse Co.	Saginaw	Farm implements	10	1	11	.....
Dec. 8	Champion Shoe Repair Shop	Saginaw	Shoe repairing	2	.....	2	.....
Jan. 5	City Bakery	Saginaw	Baked goods	1	2	3	.....
Oct. 10	Clare Knitting Mills	Saginaw	Knit goods	2	1	3	.....
Nov. 28	Clark & Berry	Saginaw	Millinery	.....	3	3	.....
Nov. 5	Clinkofstine, L. & Co.	Saginaw	Junk	13	1	14	.....
Nov. 20	Cobb, C. H.	Saginaw	Barrels	11	.....	11	.....
Oct. 25	Coleman-Frank Co., The	Saginaw	Auto service	8	1	9	.....
Nov. 13	Columbia Western Mills	Saginaw	Shade rollers	157	58	210	2
Oct. 4	Cone Printing Co., The	Saginaw	Job printing	2	.....	2	.....
Nov. 20	Consolidated Coal Co.	Saginaw	Cement, coal and tile	28	.....	28	.....
Nov. 2	Consolidated Coal Co.	Saginaw	Coal washing	16	.....	16	.....
Nov. 6	Consumers Power Co.	Saginaw	Electricity	30	1	31	.....
Nov. 7	Cooney & Smith	Saginaw	Furniture	8	1	9	.....
Nov. 23	Corbett, E. W.	Saginaw	Transfer service	4	1	5	.....
Oct. 24	Cornwell Co., The	Saginaw	Meats	54	20	74	1
Sept. 25	Cosendai Dye Works	Saginaw	Dyeing	16	18	34	1
Nov. 22	Cowles, F. B.	Saginaw	Baked goods	2	2	4	.....
Jan. 4	Crystal Water Co.	Saginaw	Water	2	.....	2	.....
Oct. 17	Daily, W. A.	Saginaw	Flowers	3	17	20	.....
Sept. 18	Dapper, G.	Saginaw	Clothing	1	.....	1	.....
Dec. 7	Deibel, C. F. M.	Saginaw	Cigars	4	1	5	.....
Dec. 7	Deibel, John, Jr., Estate	Saginaw	Cigars	4	1	5	.....
Sept. 18	Demers' Auto Exchange	Saginaw	Auto repairing	4	.....	4	.....
Oct. 5	Dick's Hide & Fur House	Saginaw	Leather	2	.....	2	.....
Dec. 29	Dietrich, J. S.	Saginaw	Lumber	1	1	2	.....
Nov. 26	Dittmar, Cooper & Co.	Saginaw	Wines, etc.	7	.....	7	.....
Dec. 1	Dittmar & Raths	Saginaw	Oils	11	.....	11	.....
Oct. 8	Ditz, J. & Sons	Saginaw	Cigars	8	4	12	.....
Nov. 26	Dolph, Mrs. B. J.	Saginaw	Millinery	.....	7	7	.....
Nov. 22	Doyle, M. C.	Saginaw	Dressmaking	.....	5	5	.....
Oct. 12	Duffany, H.	Saginaw	Job printing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW CO.—*Con.*						
Oct. 22	Duggan, John J	Saginaw	Coal and wood	2	1	3	.....
Sept. 19	Duprey, Louid N	Saginaw	Auto repairing	1	.....	1	.....
Oct. 24	Eastman Salt Products Co	Saginaw	Salt products	38	1	39	.....
Sept. 25	Eckert, Fred C	Saginaw	Blacksmithing	3	.....	3	.....
Oct. 12	Electric Supply Co., The	Saginaw	Electrical supplies	8	4	12	.....
Sept. 17	Electric Vehicle Service Co	Saginaw	Auto repairing	7	1	8	.....
Dec. 8	Enszer, John G	Saginaw	Meats	3	.....	3	.....
Nov. 19	Erd Motor Car Co	Saginaw	Motors	75	1	76	.....
Oct. 5	Eureka Heating & Ventilating Co	Saginaw	Heating supplies	5	1	6	.....
Nov. 23	Fair, S. & Son, Inc	Saginaw	Castings	41	2	43	.....
Oct. 16	Farmers Auto & Machine Co	Saginaw	Auto repairing	4	.....	4	.....
Dec. 21	Feldmann, J. J	Saginaw	Umbrellas and gloves	1	2	3	.....
Nov. 20	Ferguson, John S	Saginaw	Tinning	3	.....	3	.....
Nov. 13	Ferrell, A. T. & Co	Saginaw	Grain cleaners	60	2	62	4
Jan. 3	Ferris Brothers	Saginaw	Tailoring	2	5	7	.....
Nov. 5	Fernette, E. E. Garage	Saginaw	Auto repairing	2	.....	2	.....
Dec. 22	Fettig, Charles	Saginaw	Carriages	8	.....	8	.....
Sept. 17	Fink, A. G	Saginaw	Meats	4	.....	4	.....
Nov. 27	Finlay, Thomas H. Co	Saginaw	Plumbing	3	1	4	.....
Oct. 2	Fischer, J. George	Saginaw	Motorcycles	2	.....	2	.....
Oct. 13	Fisk Rubber Co., The	Saginaw	Auto tire repairing	4	2	6	.....
Jan. 3	Forest Lawn Granite & Marble Works	Saginaw	Monuments	3	1	4	.....
Dec. 22	Foss, Miss Ella A	Saginaw	Dressmaking	.....	7	7	.....
Oct. 13	Francke, E. D. & Sons	Saginaw	Ice cream	8	1	9	.....
Nov. 20	Frank Brothers	Saginaw	Motorcycle repairing	3	.....	3	.....
Dec. 22	Friedman Printing Co	Saginaw	Job printing	3	.....	3	1
Dec. 5	Fruechtel, John	Saginaw	Shoe repairing	1	.....	1	.....
Nov. 27	Frueh, Charles & Sons	Saginaw	Flowers	3	2	5	.....
Nov. 6	Furstenberg Brothers	Saginaw	Lumber and coal	25	.....	25	.....
Sept. 25	Gaffney Granite Co	Saginaw	Monuments	5	.....	5	.....
Nov. 20	Ganschow, F. W	Saginaw	Job printing	2	.....	2	.....
Oct. 27	Garber-Buick Co	Saginaw	Automobiles	24	2	26	.....
Nov. 24	Garber, Madam	Saginaw	Dressmaking	.....	2	2	.....
Nov. 28	Gardner, L. R	Saginaw	Auto service	4	.....	4	.....
Sept. 24	Gartner, George	Saginaw	Plumbing	5	1	6	.....
Dec. 21	Gately Co., The	Saginaw	Furniture	10	11	21	.....
Sept. 19	Gehrls, Edward F	Saginaw	Auto repairing	3	.....	3	.....
Nov. 9	Genesee Coal Co	Saginaw	Coal	5	1	6	.....
Oct. 10	Genesee Coal Co	Saginaw	Coal	22	2	24	.....
Jan. 2	Gera Creamery	Saginaw	Dairy products	3	.....	3	.....
Oct. 11	Germain, Estate of Edward	Saginaw	Lumber and salt	157	3	160	8
Nov. 8	Germain Mfg. Co	Saginaw	Piano parts	137	14	151	1
Sept. 18	Gillam & Moor	Saginaw	Vulcanizing	4	.....	4	.....
Nov. 14	Gillispie, James J	Saginaw	Meats	2	.....	2	1
Jan. 3	Grand Union Tea Co	Saginaw	Tea	2	.....	2	1
Dec. 7	Grand Union Tea Co	Saginaw	Tea and coffee	5	2	7	.....
Dec. 7	Gratiot Fuel & Supply Co	Saginaw	Coal and wood	2	1	3	.....
Sept. 26	Green Brothers	Saginaw	Fish	6	.....	6	.....
Jan. 5	Gregory, John	Saginaw	Electrical repairing	6	1	7	.....
Nov. 27	Grenell, W. H. Estate	Saginaw	Seed	5	37	42	.....
Oct. 22	Griffin, F. G	Saginaw	Sheet metal	2	.....	2	.....
Nov. 17	Grigware, J. L	Saginaw	Shoe repairing	2	.....	2	.....
Dec. 5	Grohman	Saginaw	Florist	7	1	8	.....
Dec. 29	Groll, B	Saginaw	Shoe repairing	2	.....	2	.....
Nov. 9	Haffner, A	Saginaw	Vulcanizing	2	.....	2	.....
Jan. 3	Haines Electric Co	Saginaw	Electrical supplies	2	1	3	.....
Oct. 23	Hammond, W	Saginaw	Transfer service	4	.....	4	.....
Oct. 23	Hammond, Standish & Co	Saginaw	Meats	13	1	14	.....
Dec. 21	Hammam Turkish Bath	Saginaw	Baths	3	2	5	.....
Dec. 7	Hankow Tea Co., The	Saginaw	Tea and coffee	1	1	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW CO.—*Con.*						
Nov. 26	Hardrath, The Hatter	Saginaw	Hats	2	1	3	.....
Sept. 21	Harris Auto Exchange	Saginaw	Auto service	3	2	5	.....
Dec. 3	Harris Transfer Co	Saginaw	Transfer service	7	1	8	.....
Sept. 17	Harry's Garage	Saginaw	Auto repairing	4	1	5	.....
Nov. 9	Hart Brothers	Saginaw	Canned goods	27	34	61	.....
Feb. 9	Hart Brothers Co	Saginaw	Beans	17	47	64	.....
Nov. 28	Hartigan, Miss B. M	Saginaw	Millinery	.....	4	4	.....
Nov. 27	Hartner, Chris	Saginaw	Harness	2	.....	2	.....
Dec. 5	Haupt & McLaughlin Hat Shop	Saginaw	Millinery	.....	6	6	.....
Sept. 25	Heginbottom, S. H. & Sons	Saginaw	Auto repairing	7	.....	7	.....
Oct. 2	Heid Baking Co	Saginaw	Baked goods	13	.....	13	.....
Oct. 5	Heinlein, F. H. & Co	Saginaw	Tents and awnings	2	1	3	.....
Nov. 7	Heins, H. J. Co	Saginaw	Canned goods	46	51	97	.....
Nov. 17	Helfrechet Machine Co	Saginaw	Machine repairing	14	1	15	1
Nov. 26	Henry Brothers	Saginaw	Transfer service	1	1	2	.....
Sept. 17	Henning, Charles W. & Sons	Saginaw	Meats	20	5	25	.....
Jan. 2	Hermann Brothers	Saginaw	Painting and decorating	8	1	9	.....
Nov. 12	Herzog Art Furniture Co	Saginaw	Furniture	338	48	386	4
Dec. 3	Heyn, J. C	Saginaw	Meats	3	1	4	.....
Nov. 26	Hickey, Catherine	Saginaw	Millinery	.....	9	9	.....
Oct. 3	Hickey, W. J	Saginaw	Auto repairing	3	.....	3	.....
Oct. 8	Hod Cigar Co., The	Saginaw	Cigars	6	2	8	.....
Sept. 24	Home Bakery	Saginaw	Baked goods	2	1	3	.....
Nov. 20	Hubbell Auto Sales Co	Saginaw	Auto service	4	.....	4	.....
Oct. 13	Hubbell Auto Sales Co	Saginaw	Auto repairing	20	4	24	.....
Nov. 22	Huff, J. A	Saginaw	Tailoring	3	1	4	.....
Oct. 9	Hurst, L. E	Saginaw	Blacksmithing	2	.....	2	.....
Dec. 4	Hutchinson, George	Saginaw	Meats	2	.....	2	.....
Sept. 18	Ideal Shoe Repair	Saginaw	Shoe repairing	4	1	5	.....
Nov. 28	Imperial Hair Shop	Saginaw	Hair	.....	4	4	.....
Jan. 4	International Harvester Co. of America	Saginaw	Farm implements	30	3	33	.....
Nov. 23	Jackson & Church Co	Saginaw	Machinery	132	4	136	.....
Nov. 30	Jackson-Church-Wilcox Co	Saginaw	Gears	345	12	357	.....
Nov. 12	Jackson, Thomas & Co	Saginaw	Doors and sash	41	1	42	.....
Nov. 24	Jacobs & Christie	Saginaw	Dressmaking	.....	5	5	.....
Dec. 4	Jacques, Thomas	Saginaw	Blacksmithing	2	.....	2	.....
Nov. 28	Jerome-Allison	Saginaw	Produce	3	.....	3	.....
Nov. 27	Johnson, Elizabeth	Saginaw	Corsets	.....	2	2	.....
Nov. 7	Johnson, John H	Saginaw	Plumbing	5	1	6	.....
Jan. 3	Judd, C. A	Saginaw	Bottling	2	.....	2	.....
Nov. 6	Juskevich, Simon	Saginaw	Tailoring	2	.....	2	.....
Oct. 2	Kahn, Ernest W	Saginaw	Contracting	3	1	4	.....
Oct. 27	Kaiser & Rachuth	Saginaw	Plumbing	2	1	3	.....
Oct. 18	Kanaly, James	Saginaw	Job printing	2	.....	2	.....
Oct. 8	Kaufmann Brothers	Saginaw	Baked goods	6	1	7	.....
Dec. 7	Kennedy, V. W	Saginaw	Auto repairing	2	.....	2	.....
Sept. 18	Kennedy, William H	Saginaw	Bicycles	2	.....	2	.....
Oct. 9	Kerry & Way	Saginaw	Lumber	2	.....	2	.....
Nov. 24	Kerry & Way Lumber & Mfg. Co	Saginaw	Lumber	20	1	21	.....
Dec. 7	Kindler, V	Saginaw	Sporting goods	2	1	3	.....
Jan. 4	King Tool Co	Saginaw	Tools	3	.....	3	.....
Dec. 28	Klopf & Roberts	Saginaw	Sheet metal	9	1	10	.....
Oct. 16	Knuttel & Brunner	Saginaw	Meats	3	.....	3	.....
Oct. 13	Koehler Brothers	Saginaw	Machine repairing	21	2	23	.....
Nov. 14	Koenitzer Tanning Co	Saginaw	Hides, etc	12	.....	12	.....
Jan. 2	Kraenylein, Herman	Saginaw	Blacksmithing	2	.....	2	.....
Nov. 7	Krainer, B	Saginaw	Tailoring	1	4	5	.....
Oct. 8	Krieg, Theodor	Saginaw	Cigars	7	1	8	.....
Nov. 14	Kundinger, M. W	Saginaw	Meats	7	.....	7	1
Dec. 29	La Joie, H. & Son	Saginaw	Tailoring	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW CO.—*Con.*						
Oct. 6	Lanfer, Martin	Saginaw	Plumbing	2	.....	2	.....
Nov. 22	Lange, William A. & Son	Saginaw	Tinning	3	.....	3	.....
Oct. 17	Lapine, H. & Son	Saginaw	Shoe repairing	2	.....	2	.....
Dec. 29	Lappan's Bakery	Saginaw	Baked goods	3	1	4	.....
Oct. 25	Lee & Cady	Saginaw	Provisions	30	4	34	.....
Nov. 6	Lester, James	Saginaw	Meats	5	.....	5	.....
Dec. 21	Lieberman Trunk Co	Saginaw	Leather goods	3	.....	3	.....
Dec. 21	Limberg, Robert A	Saginaw	Blacksmithing	2	.....	2	.....
Jan. 3	Logan, R. K	Saginaw	Painting	13	1	14	.....
Nov. 12	Loiselle, H	Saginaw	Shoe repairing	2	.....	2	.....
Oct. 23	Loose-Wiles Biscuit Co	Saginaw	Biscuits	6	.....	6	.....
Dec. 22	Lucus, John F. & Co	Saginaw	Ice	5	.....	5	.....
Nov. 8	Lufkin Rule Co., The	Saginaw	Rules, etc	370	326	696	57
Dec. 8	Maul, John	Saginaw	Tinning	2	.....	2	.....
Sept. 17	Mayer, Frank	Saginaw	Meats	5	1	6	.....
Nov. 9	McClure Co., The	Saginaw	Silos	58	21	79	.....
Oct. 3	McCron, W. J	Saginaw	Job printing	11	3	14	1
Dec. 5	McIntyre Printing Co	Saginaw	Job printing	1	.....	1	.....
Nov. 28	McKenzie, J. H	Saginaw	Plumbing	2	1	3	.....
Oct. 18	McNally Vulcanizing Co	Saginaw	Vulcanizing	2	1	3	.....
Dec. 5	Meloche, F. J	Saginaw	Plumbing	2	.....	2	.....
Nov. 22	Mader, Marie A	Saginaw	Dressmaking	.....	15	15	.....
Nov. 20	Magnetic Spring Water	Saginaw	Water	8	.....	8	1
Dec. 21	Mangold, M. & Son	Saginaw	Upholstering	2	.....	2	.....
Sept. 27	Marks, Joseph	Saginaw	Cigars	7	3	10	.....
Nov. 28	Marsh, Mary Francis	Saginaw	Dressmaking	.....	9	9	.....
Sept. 18	Martin, Bruno	Saginaw	Sheet metal	6	.....	6	.....
Sept. 26	Martin's Home Bakery	Saginaw	Baked goods	1	3	4	.....
Dec. 29	Massachusetts Bonding & Ins. Co	Saginaw	Printing	32	104	136	4
Dec. 21	Maxson, E. C. & Son	Saginaw	Printing	9	1	10	.....
Nov. 21	Meldrum, J. D	Saginaw	Blacksmithing	2	.....	2	.....
Oct. 4	Merrill & Kren	Saginaw	Plumbing	3	1	4	.....
Nov. 15	Mershon & Morley	Saginaw	Houses	22	1	23	1
Nov. 15	Mershon, William B. & Co	Saginaw	Band resaws	50	2	52	3
Dec. 21	Merts, F. H. Co	Saginaw	Cigars	13	6	19	.....
Dec. 21	Myers, Charles L	Saginaw	Bicycle repairing	2	.....	2	.....
Oct. 23	Michigan Creamery Co	Saginaw	Dairy products	6	1	7	.....
Dec. 8	Michigan Employment Institution for the Blind	Saginaw	Brooms, rugs, etc	51	34	85	.....
Nov. 12	Michigan Glass Co	Saginaw	Glass	11	.....	11	.....
Dec. 5	Michigan Railway Co	Saginaw	Passenger service	112	2	114	.....
Oct. 12	Michigan Saw Co	Saginaw	Saws	6	.....	6	.....
Nov. 10	Michigan State Telephone Co	Saginaw	Telephone service	36	129	165	.....
Oct. 24	Michigan Sugar Co	Saginaw	Sugar	323	1	324	.....
Dec. 22	Michigan Warming & Ventilating Co	Saginaw	Heating	5	1	6	.....
Dec. 4	Miller, Edward C	Saginaw	Plumbing	2	.....	2	.....
Nov. 23	Milne Brothers	Saginaw	Dray service	4	1	5	.....
Nov. 7	Milton Clothes Co	Saginaw	Raincoats	2	.....	2	.....
Nov. 5	Mitts & Merrill	Saginaw	Machinery	206	4	210	2
Oct. 11	Modart Corset Co	Saginaw	Corsets	25	139	164	1
Oct. 2	Modern Shoe Repair Works, The	Saginaw	Shoe repairing	4	1	5	.....
Oct. 9	Mohrn, John F. & Co	Saginaw	Stone	3	.....	3	.....
Dec. 5	Morley Brothers	Saginaw	Harness	41	2	43	2
Nov. 27	Morlik & Brovick	Saginaw	Stove repairing	2	.....	2	.....
Dec. 6	Model Bakeries	Saginaw	Baked goods	4	3	7	.....
Sept. 24	Mountjoy, A. R	Saginaw	Tailoring	2	5	7	.....
Dec. 8	Mueller, Emil J	Saginaw	Blacksmithing	3	.....	3	.....
Dec. 6	M. & B. Ice Cream Co	Saginaw	Ice cream and cones	9	1	10	.....
Oct. 18	National Biscuit Co	Saginaw	Baked goods	7	.....	7	.....
Oct. 11	National Brewing Co	Saginaw	Beer	29	.....	29	.....
Nov. 16	National Engineering Co	Saginaw	Crank shafts	178	1	179	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW CO.—*Con.*						
Nov. 30	National Grocer Co	Saginaw	Provisions	33	4	37	.....
Nov. 6	Nelson Brothers Co	Saginaw	Gasoline engines	249	7	256	6
Nov. 16	Nelson, Curbey	Saginaw	Welding and repairing	1	.....	1	.....
Oct. 8	Neumann, Carl	Saginaw	Cigars	3	.....	3	.....
Nov. 20	Nickodemus Oil Co	Saginaw	Oils	2	.....	2	.....
Nov. 26	Nielski & King	Saginaw	Meats	4	.....	4	.....
Oct. 2	Nissen, Paul	Saginaw	Auto service	6	1	7	.....
Oct. 12	Nitro Products	Saginaw	Artificial silk	9	1	10	.....
Oct. 24	Norris, Mrs. H. D	Saginaw	Millinery	.....	8	8	.....
Sept. 19	Oakland Vinegar & Pickle Co	Saginaw	Vinegar and pickles	5	2	7	.....
Dec. 22	Oeder, John & Sons	Saginaw	Baked goods	2	1	3	.....
Sept. 20	O'Hara, James, Jr	Saginaw	Tailoring	4	3	7	.....
Oct. 17	Ohio Reliable Junk Co	Saginaw	Scrap iron	7	2	9	.....
Nov. 26	Olympia Confectionery Co	Saginaw	Confectionery	3	3	6	.....
Nov. 26	Oppermann, Carl F	Saginaw	Furs	1	3	4	.....
Sept. 26	Oppermann Fur Co	Saginaw	Furs	4	7	11	.....
Nov. 19	Oserowski, Jacob	Saginaw	Shoe repairing	2	.....	2	.....
Dec. 6	O. & M. Vulcanizing Co	Saginaw	Vulcanizing	2	.....	2	.....
Jan. 2	Packer, D. T	Saginaw	Auto service	5	.....	5	.....
Jan. 2	Packer, D. T	Saginaw	Harness	2	.....	2	.....
Sept. 24	Parker Dairy Co	Saginaw	Dairy products	12	2	14	.....
Nov. 27	Passolt, Henry Co	Saginaw	Soap	4	1	5	.....
Nov. 22	Peerless Laundry	Saginaw	Laundry	6	23	29	.....
Dec. 6	Pendell, W. H	Saginaw	Crackers	4	.....	4	.....
Oct. 15	Pere Marquette Railway Co	Saginaw	Car repairing	953	5	958	1
Nov. 28	Perrin, Bessie M	Saginaw	Stamping	.....	2	2	.....
Dec. 7	Pesenecker, Miss M	Saginaw	Millinery	.....	4	4	.....
Nov. 19	Peterson, W. S. Clothes Cleaning Co	Saginaw	Cleaning	1	1	2	.....
Jan. 3	Philippe's Millinery	Saginaw	Millinery	.....	3	3	.....
Jan. 3	Phoenix, George	Saginaw	Electrical supplies	2	.....	2	.....
Nov. 7	Polson, William & Co	Saginaw	Sash and doors	50	1	51	.....
Jan. 3	Popp & Wolf	Saginaw	Harness	2	.....	2	.....
Dec. 8	Poppeck, M	Saginaw	Shoe repairing	2	.....	2	.....
Nov. 22	Postal Telegraph Co	Saginaw	Telegraph service	5	.....	5	1
Dec. 6	Potter, L. A. Stamp Co	Saginaw	Stamps	4	1	5	1
Oct. 2	Provost, Frank J	Saginaw	Bicycle repairing	2	.....	2	.....
Oct. 16	Quality Bakery	Saginaw	Baked goods	3	1	4	.....
Sept. 25	Rabe, J. B	Saginaw	Electrical supplies	4	1	5	.....
Oct. 23	Reliance Mercantile Co	Saginaw	Flour and grain	6	.....	6	.....
Nov. 10	Reade, T. A	Saginaw	Tailoring	10	6	16	1
Dec. 8	Reof, Louise J. Miss	Saginaw	Millinery	.....	3	3	.....
Dec. 4	Reiman & Pohlman	Saginaw	Meats	3	1	4	.....
Nov. 20	Remer Brothers	Saginaw	Lime and coal	10	2	12	.....
Oct. 24	Rember Brothers	Saginaw	Fuel & builders' supplies	24	3	27	.....
Nov. 19	Richter, W. C. & Son	Saginaw	Plumbing	4	1	5	1
Sept. 17	Schirck, H. W	Saginaw	Auto tops	2	.....	2	.....
Oct. 27	Rick, C. J	Saginaw	Auto repairing	3	.....	3	.....
Nov. 17	Ripelinger Brothers	Saginaw	Coal and wood	22	1	23	.....
Dec. 1	Ripelinger, Frank	Saginaw	Transfer service	3	1	4	.....
Dec. 8	Rittenberry, J. W	Saginaw	Painting and repairing	2	.....	2	.....
Oct. 22	Robel, G. A	Saginaw	Tailoring	1	.....	1	.....
Dec. 3	Robertson, E. A. Co	Saginaw	Waists	19	134	153	.....
Sept. 20	Robertson's Laundry	Saginaw	Laundry	12	65	77	.....
Dec. 4	Roeser, C. L. Co., The	Saginaw	Auto service	8	1	9	.....
Dec. 3	Roethke, William Floral Co	Saginaw	Flowers	16	3	19	.....
Dec. 7	Safety Storage & Cartage Co	Saginaw	Transfer service	3	.....	3	.....
Oct. 9	Saginaw Auto Body Co	Saginaw	Auto bodies	98	6	104	.....
Dec. 5	Saginaw-Bay City Railway Co	Saginaw	Street car service	310	.....	310	.....
Nov. 15	Saginaw Brewing Co	Saginaw	Beer	11	.....	11	.....
Nov. 13	Saginaw Chemical Co	Saginaw	Chemicals	42	.....	42	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW CO.—*Con.*						
Sept. 24	Saginaw Cigar Co	Saginaw	Cigars	11	4	15	.....
Nov. 6	Saginaw City Gas Co	Saginaw	Gas	48	1	49	.....
Oct. 13	Saginaw Cooperative Auto Enameling Co	Saginaw	Enameling	3	2	5	.....
Nov. 27	Saginaw Courier-Herald, The	Saginaw	Printed matter	40	3	43	6
Sept. 21	Saginaw Creamery Co	Saginaw	Dairy products	5	2	7	.....
Nov. 9	Saginaw Daily News, The	Saginaw	Printed matter	85	10	95	1
Nov. 6	Saginaw Enameling Co	Saginaw	Enameling	4	.....	4	.....
Dec. 1	Saginaw Fuel & Supply Co	Saginaw	Coal and wood	5	.....	5	.....
Nov. 20	Saginaw Ice & Coal Co	Saginaw	Ice and coal	21	.....	21	.....
Jan. 5	Saginaw Journal	Saginaw	Printed matter	3	.....	3	.....
Nov. 9	Saginaw Ladder Co	Saginaw	Ladders	28	1	29	.....
Oct. 12	Saginaw Lighting Co	Saginaw	Electrical supplies	12	.....	12	.....
Nov. 16	Saginaw Mfg. Co	Saginaw	Pulleys, etc	226	57	283	42
Nov. 17	Saginaw Mattress Co	Saginaw	Mattresses	2	.....	2	.....
Oct. 11	Saginaw Medicine Co	Saginaw	Medicine	3	2	5	.....
Nov. 14	Saginaw Milling Co	Saginaw	Flour, feed and grain	44	42	86	.....
Nov. 19	Saginaw Mirror Works	Saginaw	Plate glass and mirrors	23	2	25	1
Dec. 7	Saginaw Motor Car Co	Saginaw	Auto repairing	20	1	21	.....
Jan. 5	Saginaw Overland Sales Co., The	Saginaw	Auto repairing	16	2	18	.....
Dec. 22	Saginaw Paper Co	Saginaw	Paper	5	2	7	.....
Nov. 7	Saginaw Paving Brick Co	Saginaw	Brick	3	.....	3	.....
Nov. 13	Saginaw Plate Glass Co	Saginaw	Plate glass and salt	435	4	439	.....
Nov. 23	Saginaw Press, The	Saginaw	Printed matter	9	2	11	1
Dec. 27	Saginaw Pure Ice Co	Saginaw	Ice	4	.....	4	.....
Nov. 9	Saginaw Sectional Book Case Co., The	Saginaw	Bookcases	9	1	10	1
Oct. 9	Saginaw Sheet Metal Works	Saginaw	Sheet metal	74	3	77	.....
Nov. 17	Saginaw Show Case Co	Saginaw	Show cases	28	1	29	.....
Nov. 26	Saginaw Steam Heating Plant	Saginaw	Steam heating	8	.....	8	.....
Nov. 14	Saginaw Table & Cabinet Co	Saginaw	Furniture	79	2	81	3
Dec. 3	Saginaw Warehouse Co	Saginaw	Storage	3	.....	3	.....
Nov. 21	Saginaw Water Works	Saginaw	Water	7	.....	7	.....
Nov. 27	Saginaw Woodenware Co	Saginaw	Woodenware	6	1	7	.....
Nov. 22	Saginaw Woolen Co	Saginaw	Tailoring	1	1	2	.....
Nov. 16	Saginaw Valley Farmers' Cooperative Association	Saginaw	Dairy products	11	4	15	.....
Nov. 24	Schemm, J. G. Co., The	Saginaw	Beer	25	.....	25	.....
Sept. 17	Schirck, H. W	Saginaw	Auto tops	2	.....	2	.....
Sept. 26	Schlafcke, John	Saginaw	Shoe repairing	2	.....	2	.....
Sept. 26	Schoeb Dry Cleaning & Dye Works	Saginaw	Cleaning and dyeing	1	2	3	.....
Nov. 5	Schomacker, Frederick	Saginaw	Blacksmithing	2	.....	2	.....
Sept. 26	Schrems, George	Saginaw	Plumbing	2	1	3	.....
Oct. 19	Schust Co., The	Saginaw	Biscuit and candy	43	52	95	3
Dec. 4	Schwinck Brothers	Saginaw	Meats	1	.....	1	.....
Nov. 16	Schwinck Brothers	Saginaw	Meats	7	1	8	.....
Oct. 18	Scollen, George E	Saginaw	Wagon repairing	2	.....	2	.....
Jan. 5	Scott, E. E	Saginaw	Plumbing	2	1	3	.....
Oct. 3	Seeman & Peters	Saginaw	Job printing	49	12	61	.....
Oct. 2	Tire Service Co	Saginaw	Vulcanizing	4	1	5	.....
Nov. 16	Shea, James E	Saginaw	Blacksmithing	2	.....	2	.....
Nov. 5	Simpson, William	Saginaw	Coal and wood	8	.....	8	.....
Jan. 5	Singer Sewing Machine Co	Saginaw	Sewing machines	6	2	8	.....
Dec. 29	Skimin, G. S	Saginaw	Cigars	4	.....	4	.....
Oct. 24	Smidt, John	Saginaw	Weaving	1	1	2	.....
Nov. 24	Smith, C. M	Saginaw	Coal	6	.....	6	1
Dec. 8	Smith Hardware Co	Saginaw	Tinning	1	.....	1	.....
Oct. 27	Smith & Stoelker Publishing Co	Saginaw	Job printing	9	3	12	.....
Nov. 8	Sommers Brothers Match Co	Saginaw	Matches	76	137	213	11
Oct. 22	Sonnenberg, Henry J	Saginaw	Blacksmithing	2	.....	2	.....
Oct. 4	Sparling, Thomas	Saginaw	Blacksmithing	2	.....	2	.....
Nov. 27	Spotless Market	Saginaw	Meats	5	.....	5	1
Sept. 18	Stafford, John	Saginaw	Soft drinks	7	1	8	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW CO.—*Con.*						
Sept. 17	Standard Oil Co	Saginaw	Oils	16	.....	16	.....
Nov. 9	Steet's Print Shop	Saginaw	Job printing	3	.....	3	.....
Nov. 5	Steininger, E. J	Saginaw	Baked goods	2	1	3	.....
Jan. 4	Stevens Electric Co	Saginaw	Electrical supplies	2	1	3	.....
Jan. 3	Stevens Brothers Cartage & Storage Co	Saginaw	Cartage	6	.....	6	.....
Oct. 16	Stingel's Cash Meat Market	Saginaw	Meats	6	.....	6	.....
Nov. 30	Stork Motor Co	Saginaw	Gasoline engines	14	1	15	3
Oct. 10	Strable Lumber & Salt Co	Saginaw	Lumber and salt	109	5	114	1
Nov. 27	Strieter, R. C	Saginaw	Millinery	.....	4	4	.....
Oct. 13	Sullivan Supply Co	Saginaw	Mill supplies	11	5	16	.....
Nov. 16	Sugar Beet Products Co	Saginaw	Compounds	8	1	9	.....
Dec. 3	Swift, R. & Co	Saginaw	Upholstering	3	.....	3	.....
Oct. 25	Symons Brothers & Co	Saginaw	Wholesale groceries	72	16	88	.....
Sept. 17	Symons, E. F	Saginaw	Blacksmithing	2	.....	2	.....
Oct. 9	Tatham, Vixtor J	Saginaw	Meats	5	1	6	.....
Oct. 12	Taub, H. L	Saginaw	Plumbing	2	1	3	.....
Sept. 26	Tanske, M	Saginaw	Tailoring	1	.....	1	.....
Nov. 9	Thomas, E. A. & Co	Saginaw	Heading	11	.....	11	.....
Nov. 28	Tray	Saginaw	Photographer	2	1	3	.....
Jan. 3	Tredo, William P	Saginaw	Shirts	2	.....	2	.....
Sept. 24	Trombley Electric Co., The	Saginaw	Electrical supplies	14	1	15	.....
Oct. 3	Trombley & Sehnder Auto Co	Saginaw	Auto service	7	1	8	.....
Oct. 12	United States Graphite Co., The	Saginaw	Graphite	107	27	134	.....
Jan. 5	Valley Boat Co	Saginaw	Boats	7	1	8	.....
Nov. 26	Valley Carpet Works	Saginaw	Carpet cleaning	6	.....	6	.....
Oct. 6	Valley City Coffee & Spice Mills	Saginaw	Coffee and spices	6	20	26	.....
Nov. 23	Valley Cornice & Slate Co	Saginaw	Sheet metal and roofing	12	1	13	.....
Nov. 5	Valley Grey Iron Foundry Co	Saginaw	Castings	36	.....	36	.....
Nov. 27	Valley Home Telephone Co	Saginaw	Telephone service	48	83	131	.....
Oct. 3	Valley Printing Co	Saginaw	Job printing	10	1	11	.....
Nov. 5	Valley Stove & Range Co	Saginaw	Stoves	2	.....	2	.....
Nov. 19	Valley Sweets Co	Saginaw	Candy	4	3	7	.....
Nov. 26	Valley Tire Repair Co	Saginaw	Auto tire repairing	3	1	4	.....
Dec. 5	Colonial Hat Cleaning Hospital	Saginaw	Hat cleaning	2	.....	2	.....
Nov. 22	Vasold, Therese L	Saginaw	Dressmaking	.....	13	13	.....
Nov. 7	Voght, J. C. Sales Co., The	Saginaw	Registers	6	1	7	.....
Sept. 18	Wah, Sam	Saginaw	Laundry	2	.....	2	.....
Oct. 17	Walcott Grain Co., The	Saginaw	Grain	6	.....	6	1
Nov. 23	Walker & Co	Saginaw	Advertising	2	.....	2	.....
Jan. 3	Washington Avenue Garage	Saginaw	Auto repairing	3	.....	3	.....
Sept. 18	Wasserman, C	Saginaw	Tailoring	1	.....	1	.....
Oct. 6	Watson, John A. Co	Saginaw	Furs	1	6	7	.....
Nov. 24	Watson, John A	Saginaw	Furs	2	6	8	.....
Nov. 28	Weinecke & Lavelle	Saginaw	Millinery	.....	7	7	.....
Sept. 18	Weiss, Eugene	Saginaw	Tailoring	3	.....	3	.....
Dec. 1	Welsh, P	Saginaw	Coal	3	.....	3	.....
Nov. 27	Werner & Pfleiderer Co	Saginaw	Machinery	155	12	167	.....
Dec. 7	Westphal's Bakery	Saginaw	Baked goods	7	2	9	.....
Nov. 15	West Side Coal Co	Saginaw	Coal	5	.....	5	.....
Nov. 20	West Side Garage Co	Saginaw	Auto repairing	2	.....	2	.....
Nov. 7	Western Union Telegraph Co., The	Saginaw	Telegraph service	16	9	25	6
Nov. 23	Western Union Telegraph Co	Saginaw	Telegraph service	3	1	4	2
Nov. 22	Whatley, Lewis J	Saginaw	Tailoring	1	1	2	.....
Nov. 24	White, Charles E	Saginaw	Photographs	2	2	4	.....
Sept. 7	White, Thomas	Saginaw	Machine repairing	3	.....	3	.....
Oct. 4	Wickes Brothers	Saginaw	Machinery	211	7	218	2
Oct. 11	Wilcox Engineering Co	Saginaw	Machinery	7	1	8	.....
Dec. 29	Williams Brothers Candy Co	Saginaw	Candy	7	1	8	.....
Dec. 7	Williams Brothers Candy Co	Saginaw	Candy	9	1	10	.....
Nov. 20	Williams, A. E	Saginaw	Ice cream	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SAGINAW CO.—*Con.*						
Dec. 29	Williams, Simon	Saginaw	Hat cleaning	2	.....	2	.....
Oct. 18	Wills, John E	Saginaw	Blacksmithing	2	.....	2	.....
Sept. 25	Wilmot Market, The	Saginaw	Meats	4	.....	4	1
Sept. 19	Wilson & Co	Saginaw	Coal	9	.....	9	.....
Dec. 27	Wilson, Harvey	Saginaw	Blacksmithing	2	.....	2	.....
Nov. 26	Wilsterman Electric Co	Saginaw	Electrical fixtures	2	.....	2	.....
Oct. 2	Witters Laundry	Saginaw	Laundry	12	40	52	.....
Oct. 2	Wolf, J. & Son	Saginaw	Meats	4	.....	4	.....
Oct. 10	Wolfarth's Steam Bakery	Saginaw	Baked goods	36	7	43	6
Sept. 19	Wolgast, William	Saginaw	Paint shop	3	.....	3	.....
Oct. 2	Woodcraft Shop, The	Saginaw	Furniture	2	.....	2	.....
Oct. 10	Woolgar & Co	Saginaw	Repairing	2	.....	2	.....
Nov. 19	Wolverine Cigar Co	Saginaw	Cigars	21	15	36	.....
Oct. 4	Wolverine Glove Co	Saginaw	Gloves	6	78	84	.....
Oct. 13	Wolverine Machine Works	Saginaw	Machine repairing	8	.....	8	.....
Oct. 27	Wolverine Shoe Repair	Saginaw	Shoe repairing	2	.....	2	.....
Sept. 21	Worker's Voice, The	Saginaw	Printed matter	3	.....	3	.....
Oct. 22	You, Lee	Saginaw	Laundry	6	.....	6	.....
Sept. 24	Zagelmeyer, A. F	Saginaw	Auto & bicycle repairing	2	.....	2	.....
Dec. 27	Blunt, H. M	St. Charles	Auto service	2	.....	2	.....
Dec. 27	Clay, William H	St. Charles	Meats	2	.....	2	.....
Dec. 27	Clipper, C. H	St. Charles	Baked goods	3	1	4	.....
Dec. 27	Downing, B. J. & Son	St. Charles	Hardware	4	.....	4	.....
Dec. 27	French, Elias	St. Charles	Harness repairing	1	.....	1	.....
Dec. 27	Gage, Robert Coal Co	St. Charles	Coal	4	.....	4	.....
Dec. 27	Grimley, Ray	St. Charles	Bicycles	2	1	3	1
Dec. 27	Hart Brothers	St. Charles	Grain and hay	3	6	9	1
Dec. 27	Holst, Julius	St. Charles	Tailoring	1	1	2	.....
Dec. 27	Jackson, A. B	St. Charles	Shoe repairing	1	.....	1	.....
Dec. 27	Jaroch & Jaroch	St. Charles	Meats	3	.....	3	.....
Dec. 27	Loeffelbein, Adam	St. Charles	Lumber	2	.....	2	.....
Dec. 27	McKeighan, D. W	St. Charles	Miner's supplies	3	.....	3	1
Dec. 27	Michigan State Telephone Co	St. Charles	Telephone service	1	4	5	.....
Dec. 27	Municipal Light & Water Plant	St. Charles	Light and water	3	.....	3	.....
Dec. 27	St. Charles Auto Co	St. Charles	Auto repairing	5	.....	5	.....
Dec. 27	St. Charles Flour & Feed Co	St. Charles	Flour and feed	3	12	15	.....
Dec. 27	St. Charles Union, The	St. Charles	Printed matter	1	3	4	.....
Dec. 27	Stewart, M	St. Charles	Wagons, etc	1	.....	1	.....
Dec. 22	Consumers Power Co	Zilwaukee	Electricity	3	.....	3	.....
	ST. CLAIR COUNTY.						
Sept. 5	Algonac Light & Water Works	Algonac	Light and water	3	.....	3	.....
Sept. 5	Algonac Machine & Boat Works	Algonac	Boat and auto repairing	2	.....	2	.....
Sept. 5	Courier Printing Co., The	Algonac	Printed matter	3	.....	3	.....
Sept. 5	Schram, John R	Algonac	Plumbing	4	.....	4	.....
Sept. 5	Smith, C. C. Boat & Engine Co	Algonac	Boats and engines	9	1	10	.....
Sept. 5	Townsend, G. & Sons	Algonac	Lumber	11	.....	11	.....
Sept. 5	Van Comberg, Alex	Algonac	Auto repairing	3	1	4	.....
Sept. 5	Warner, W. E	Algonac	Cement blocks	4	1	5	.....
Sept. 5	Worthy, Charles	Algonac	Meats	4	1	5	.....
Sept. 6	Avoca Milling Co	Avoca	Flour and feed	3	.....	3	.....
Sept. 6	Hill & Wadsworth	Avoca	Grain	3	.....	3	.....
Oct. 15	Bottomley, William C	Berville	Produce	1	9	10	.....
Sept. 14	Blaine Cooperative Association	Blaine	Grain, hay and coal	2	.....	2	.....
Sept. 14	Fair & Sons	Blaine	Machines	3	.....	3	.....
Sept. 12	Abraham, Chris	Capac	Building supplies	3	.....	3	.....
Oct. 15	Burger, Mrs. J	Capac	Millinery	.....	1	1	.....
Oct. 15	Capac Journal, The	Capac	Printed matter	1	.....	1	.....
Sept. 11	Capac Garage	Capac	Auto repairing	4	.....	4	.....
Sept. 11	Capac Marvel Mills	Capac	Flour and feed	3	.....	3	.....
Oct. 15	Copeland, James	Capac	Blacksmithing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ST. CLAIR CO.—*Con.*						
Oct. 15	Harrison, John J	Capac	Meats	2	.....	2	.....
Oct. 15	Hilkert, E. T	Capac	Baked goods	2	.....	2	.....
Sept. 10	Leach Brothers	Capac	Lumber, etc	2	.....	2	.....
Oct. 15	McCormick, John F	Capac	Harness	1	.....	1	.....
Oct. 15	McDougall, D. A	Capac	Blacksmithing	2	.....	2	.....
Oct. 15	Prey, O. A	Capac	Hardware	2	.....	2	.....
Oct. 15	St. Clair Paper Co	Capac	Paper	72	2	74	.....
Sept. 10	Stoughton, H. P	Capac	Grain	3	.....	3	.....
Oct. 15	Waits & Zurbrigg	Capac	Meats	2	.....	2	.....
Sept. 13	Emmett Elevator Co	Emmett	Grain, hay and beans	3	1	4	.....
Sept. 14	Jeddo Elevator Co	Jeddo	Grain, feed and coal	3	1	4	.....
Sept. 14	Lamb, W. J	Jeddo	Telephone service	2	1	3	.....
Sept. 12	Lamb Farmers' Elevator	Lambs	Grain, hay and feed	3	.....	3	.....
Sept. 12	Raymond, William S	Lambs	Auto repairing	2	.....	2	.....
Sept. 12	Shanahan, M. P	Lambs	Grain and beans	2	.....	2	.....
Sept. 4	Baker, S. & Son	Marine City	Lumber	9	.....	9	.....
Aug. 31	Becker, George W	Marine City	Cigars	4	1	5	.....
Oct. 10	Bell's Bakery	Marine City	Baked goods	2	1	3	.....
Oct. 10	Cottrell, R. A	Marine City	Coal and wood	2	.....	2	.....
Sept. 4	Crowley's Garage & Machine Shop	Marine City	Auto repairing	5	1	6	.....
Oct. 10	Doecks & Jones	Marine City	Hardware and plumbing	4	1	5	.....
Sept. 4	Marine City Brewing Co	Marine City	Beer	5	.....	5	.....
Sept. 4	Marine Laundry, The	Marine City	Laundry	2	6	8	1
Aug. 31	Marine City Lumber & Coal Co	Marine City	Lumber and coal	25	1	26	.....
Oct. 10	Marine Meat Market	Marine City	Meats	8	1	9	.....
Aug. 31	Marine City News, The	Marine City	Printed matter	3	1	4	.....
Sept. 4	Marine City Roller Mill Co	Marine City	Flour and feed	4	1	5	.....
Sept. 4	Marine City Water Works	Marine City	Water	4	.....	4	.....
Sept. 4	Michigan Salt Works	Marine City	Salt	118	12	130	8
Oct. 10	Monn, James A	Marine City	Harness	1	.....	1	.....
Oct. 10	Mullins & Bauman	Marine City	Baked goods	4	1	5	.....
Oct. 10	Rochon, A. J. & Co	Marine City	Electrical supplies	2	1	3	.....
Aug. 31	Sadler Garage	Marine City	Auto repairing	3	.....	3	.....
Aug. 31	Scott, Will J	Marine City	Cement blocks	15	.....	15	.....
Aug. 31	McLouth, Sydney C	Marine City	Boat repairing	80	1	81	5
Oct. 17	Weng, J. & Sons	Marine City	Shoe repairing	2	1	3	.....
Sept. 4	Westrick, C. A. & Son	Marine City	Cement blocks	10	.....	10	.....
Oct. 15	Bartlett, G. W	Memphis	Hardware	1	1	2	.....
Sept. 13	Coburn, F. G	Memphis	Grain, hay and coal	2	.....	2	.....
Oct. 15	Deland, Harry	Memphis	Blacksmithing	1	.....	1	.....
Sept. 13	Fierstine, H. M	Memphis	Meats	2	.....	2	.....
Oct. 15	Kmieske, L. J	Memphis	Harness	1	.....	1	.....
Oct. 15	Memphis Bee, The	Memphis	Printed matter	1	2	3	.....
Sept. 13	Memphis Elevator Co	Memphis	Grain and produce	2	.....	2	.....
Sept. 13	Memphis Garage	Memphis	Auto repairing	2	.....	2	.....
Sept. 13	Memphis Roller Flouring Mills	Memphis	Flour and feed	2	.....	2	.....
Sept. 13	St. Clair Central Telephone Co	Memphis	Telephone service	2	3	5	.....
Aug. 17	Acheson Oil Dog Co	Port Huron	Graphite	20	3	23	1
Aug. 7	Adams Express Co	Port Huron	Express	5	.....	5	.....
Aug. 15	Aikman Bakery Co	Port Huron	Baked goods	28	48	76	14
Aug. 22	Amadon-O'Sullivan Printing Co	Port Huron	Job printing	4	.....	4	.....
Oct. 17	Andrews Fish Co., The	Port Huron	Fish	2	.....	2	.....
Aug. 21	Anker-Holth Mfg. Co	Port Huron	Cream separators	50	3	53	2
Aug. 10	Appel Brothers	Port Huron	Tailoring	7	1	8	.....
Aug. 2	Athenian Candy Works, The	Port Huron	Candies and ice cream	3	1	4	1
Aug. 9	Barkell Auto Co	Port Huron	Auto repairing	6	.....	6	.....
Oct. 9	Barron, Henry	Port Huron	Meats	2	.....	2	.....
Aug. 15	Barthel, H. P. Marble & Granite Wks	Port Huron	Monuments	4	.....	4	.....
Aug. 17	Basley Market	Port Huron	Meats	4	1	5	.....
Aug. 1	Beauschamp, Mrs. S. M	Port Huron	Millinery	.....	3	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ST. CLAIR CO.—*Con.*						
Aug. 8	Beckton, Thomas G	Port Huron	Tailoring	4	3	7	
Aug. 13	Bofinger, W. C	Port Huron	Baked goods	2		2	
Aug. 13	Bryant Engineering Co	Port Huron	Machinery	5		5	
July 31	Carlisle, A. B	Port Huron	Ice cream	11	1	12	1
Aug. 6	Carlisle, L. H	Port Huron	Candy and ice cream	1	8	9	
Aug. 18	Larned Carter & Co	Port Huron	Overalls	5	80	85	
Aug. 24	Casler, C. C	Port Huron	Sheet metal	3		3	
Aug. 3	Church Garage Co	Port Huron	Auto repairing	9	1	10	
July 31	City Steam Laundry	Port Huron	Laundry	4	24	28	
Oct. 9	City Tire & Vulcanizing Co	Port Huron	Vulcanizing	2		2	
Oct. 8	Cline, Frank	Port Huron	Meats	2		2	1
Aug. 1	Collinson, Miss A. M	Port Huron	Millinery		7	7	
July 25	Crawford, A	Port Huron	Building material	25		25	
Oct. 9	Cruickshank, Arthur G	Port Huron	Coal	5		5	
July 30	Dart, J. A. & Sons	Port Huron	Sheet metal	2		2	
Oct. 9	Dornan's Bakery	Port Huron	Baked goods	3		3	
July 25	Draper Mfg. Co., The	Port Huron	Castings	33	3	36	3
Aug. 1	Drought, George & Co	Port Huron	Plumbing	4		4	
July 27	Dry Dock Iron Works	Port Huron	Engine repairing	11		11	
Aug. 15	Dunn, James Lumber Co	Port Huron	Lumber	4		4	
July 31	Endlich, John A	Port Huron	Bread	7		7	3
Oct. 6	Enterprise Meat Market	Port Huron	Meats	5	1	6	
Aug. 8	Farmer & Conselyea	Port Huron	Shoe repairing	3		3	
Aug. 17	Fead, John L. & Sons	Port Huron	Knit goods	15	125	140	5
Aug. 1	Foster, Louis	Port Huron	Builders' supplies	9		9	
Aug. 15	Gibson's Bakery	Port Huron	Baked goods	3	3	6	
Oct. 6	Godley, Fred C	Port Huron	Cleaning and pressing	5		5	
Aug. 15	Grand Trunk Elevator Co., The	Port Huron	Grain	7	1	8	
July 26	Grand Trunk Railway System	Port Huron	Car repairing	225	2	227	4
Aug. 20	Grand Trunk Railway System	Port Huron	Electric power	16		16	
Aug. 15	Gruel & Ott	Port Huron	Soft drinks	8		8	
Aug. 1	Haslett, Frank J	Port Huron	Tailoring	4		4	
Aug. 28	Havey & Co	Port Huron	Meats	7	1	8	1
July 30	Haynes Lumber Co	Port Huron	Lumber	9	1	10	
Aug. 10	Herald Printing Co., The	Port Huron	Job printing	18	3	21	2
Oct. 9	Hill, Otto L. Lumber Co., The	Port Huron	Lumber	3		3	
Aug. 15	Home Mfg. Co	Port Huron	Woodworking	9		9	
Oct. 8	Ideal Cement Supply Co	Port Huron	Cement blocks	6		6	
Oct. 8	Ideal Cleaners, The	Port Huron	Cleaning and pressing	2	2	4	
Aug. 14	Jarvis Brothers	Port Huron	Builders' supplies	4		4	
July 31	Kern, C., Brewing Co	Port Huron	Beer	37		37	
Oct. 6	Kilets Printing Co	Port Huron	Job printing	2		2	
Aug. 13	Kimball, C. H. & Son	Port Huron	Feed, etc	7		7	1
Oct. 6	King, Harry	Port Huron	Upholstering	1		1	
July 30	Lake Huron Welding Works	Port Huron	Welding	3		3	
Oct. 6	Lakin, Henry	Port Huron	Shoe repairing	2		2	
Aug. 15	Lamlein, Chris	Port Huron	Baked goods	3	1	4	
Aug. 21	Lee, William O. Co., The	Port Huron	Brass goods	27	1	28	
Aug. 15	Little Brothers Foundry Co	Port Huron	Castings	25		25	
Aug. 8	Londos, Gust & Co	Port Huron	Shoe repairing	3		3	1
July 26	Losie & Treleaven	Port Huron	Coal	7		7	
Aug. 1	McCollom, I. E. & Co	Port Huron	Coal	7	1	8	
Aug. 14	McFee, M. D	Port Huron	Dry cleaning	1	1	2	
Aug. 6	McMorran Milling Co	Port Huron	Flour, feed and grain	8		8	1
Oct. 9	McKenzie, W. A	Port Huron	Blacksmithing	2		2	
July 27	Michigan Bean Co	Port Huron	Beans	9	28	37	
Oct. 9	Michigan Cereal Co	Port Huron	Peas	8	1	9	
Aug. 17	Michigan State Telephone Co	Port Huron	Telephone service	15	59	74	
Aug. 20	Miller, J. E. & Son	Port Huron	Coal	9	2	11	1
Oct. 9	Millinery Stores Co., The	Port Huron	Millinery		5	5	

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ST. CLAIR CO.—*Con.*						
Aug. 7	Mitchell, The Tailor	Port Huron	Tailoring	3	.....	3	.....
Oct. 6	Mitta, I. W.	Port Huron	Blacksmithing	2	.....	2	.....
Oct. 15	Misel & Brownell	Port Huron	Fish	7	.....	7	.....
Aug. 16	Monroe Motor Co.	Port Huron	Automobiles	171	2	173	5
July 31	Moore Brothers	Port Huron	Plumbing	3	1	4	.....
Aug. 9	Moore, S. H. & N. G.	Port Huron	Coal	6	.....	6	.....
Aug. 23	Morton Salt Co.	Port Huron	Salt	265	33	298	4
Oct. 6	Moser, W. J.	Port Huron	Coal and wood	6	1	7	.....
Aug. 2	Mudford, Charles E.	Port Huron	Cigars	10	4	14	.....
July 30	Muir-O'Sullivan Dredge & Dock Co.	Port Huron	Contracting	12	.....	12	.....
Aug. 17	Muller, E. B. & Co.	Port Huron	Chicory	23	7	30	6
Oct. 6	Murray, George M.	Port Huron	Baked goods	2	1	3	.....
Aug. 14	National Express Co.	Port Huron	Express	13	1	14	.....
Aug. 13	O. K. Laundry Co.	Port Huron	Laundry	6	44	50	3
Aug. 7	Orttenburger Harness Co.	Port Huron	Harness	8	.....	8	.....
July 30	O'Sullivan, James & Sons Co.	Port Huron	Building supplies	50	1	51	3
Aug. 6	Paige Overland Co.	Port Huron	Auto repairing	9	.....	9	1
Aug. 1	Parra Millinery	Port Huron	Millinery	.....	10	10	.....
Oct. 6	Pelton, F. H.	Port Huron	Shoe repairing	2	.....	2	.....
Oct. 9	Pere Marquette Railroad Co.	Port Huron	Car repairing	18	.....	18	.....
Aug. 6	Petit's Garage	Port Huron	Auto repairing	6	1	7	1
July 27	Pioneer Boiler Works	Port Huron	Boiler repairing	8	.....	8	.....
Aug. 15	Port Huron Bread Co.	Port Huron	Baked goods	18	.....	18	4
July 31	Port Huron Brewing Co.	Port Huron	Beer	13	1	14	.....
July 27	Port Huron Water Works	Port Huron	Water	8	.....	8	.....
Aug. 9	Port Huron Creamery Co.	Port Huron	Dairy products	15	5	20	.....
Aug. 22	Port Huron Engine & Thresher Co.	Port Huron	Engines, etc.	182	14	196	5
Aug. 8	Port Huron Gas & Electric Co.	Port Huron	Gas and electricity	123	3	126	.....
July 30	Port Huron Heating & Plumbing Co.	Port Huron	Heating and plumbing	3	.....	3	.....
Aug. 13	Port Huron Pattern Works	Port Huron	Patterns	2	.....	2	.....
Aug. 20	Port Huron Sulphite & Paper Co.	Port Huron	Sulphite and paper	164	16	180	.....
Oct. 8	Port Huron Tire & Repair Co.	Port Huron	Tire repairing	3	1	4	1
Aug. 10	Postal Telegraph & Cable Co.	Port Huron	Telegraph service	1	1	2	.....
Aug. 23	Purity Ice Co.	Port Huron	Ice and coal	25	2	27	1
Aug. 16	Rapid Railway System	Port Huron	Car repairing	114	.....	114	.....
Oct. 9	Rauser, Fred G.	Port Huron	Job printing	1	.....	1	.....
Aug. 20	Reid Wrecking Co.	Port Huron	Ship repairing, etc.	79	1	80	.....
Aug. 13	Richardson, Baker & Co.	Port Huron	Plumbing	11	.....	11	.....
Aug. 9	Riverside Printing Co.	Port Huron	Job printing	55	18	73	4
Aug. 6	Robin-Lawerence Motor Sales Co.	Port Huron	Auto repairing	5	.....	5	1
July 25	Romeo Foundry Co.	Port Huron	Castings	97	18	115	2
Aug. 22	Romeo Foundry Co.	Port Huron	Castings	341	3	344	9
Oct. 8	Rudge, John Foundry Co.	Port Huron	Castings	2	.....	2	.....
Oct. 8	Scheffler, C. J.	Port Huron	Coal	1	1	2	.....
Oct. 8	Scheffler Brothers	Port Huron	Meats	3	.....	3	.....
Aug. 16	Schmude Brothers	Port Huron	Meats	4	1	5	.....
Sept. 15	Scott, W. J.	Port Huron	Contracting	25	1	26	.....
Aug. 21	Shanahan, M. P.	Port Huron	Coal	4	.....	4	.....
Aug. 9	Sinclair Refining Co.	Port Huron	Oils, etc.	6	1	7	.....
Aug. 14	Smith, Andrew J. & Sons	Port Huron	Contracting	23	1	24	.....
Oct. 9	Smith, Fred	Port Huron	Feed, hay and grain	3	.....	3	.....
Oct. 9	Smith Tire & Repair Co.	Port Huron	Auto repairing	2	.....	2	.....
July 30	Smith, William J.	Port Huron	Harness	3	.....	3	.....
Aug. 20	South Park Machine & Supply Co.	Port Huron	Repairing	31	2	33	2
Oct. 9	South Park Meat Market	Port Huron	Meats	3	.....	3	.....
Aug. 20	South Park Mercantile Co.	Port Huron	Lumber, feed, etc.	3	.....	3	.....
July 26	Standard Oil Co.	Port Huron	Oil	8	.....	8	.....
Oct. 8	Stansel, Wesley	Port Huron	Meats	3	.....	3	.....
Aug. 14	Stephenson, D. J.	Port Huron	Electrical supplies	7	1	8	.....
Aug. 21	Stock, G. B. Xylite Grease & Oil Co., The	Port Huron	Oil, etc.	7	1	8	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ST. CLAIR CO.—*Con.*						
July 27	Summers Linen Co	Port Huron	Flax fibre	19	1	20	.....
July 31	Swift & Co	Port Huron	Meats	5	.....	5	.....
Aug. 21	Theisen-Braithwaite Co	Port Huron	Castings	16	1	17	.....
July 30	Thomson, J. W	Port Huron	Coal	7	.....	7	.....
Aug. 10	Times-Herald Co., The	Port Huron	Printed matter	25	3	28	3
Aug. 10	Troy Laundry	Port Huron	Laundry	7	57	64	.....
July 27	Truesdell Marble & Granite Co	Port Huron	Monuments	4	1	5	.....
Oct. 9	Tudhope, Miss A. G	Port Huron	Dressmaking	1	8	9	.....
Aug. 16	United Iron & Metal Co	Port Huron	Junk	13	1	14	.....
July 26	Watson, John	Port Huron	Plumbing	12	1	13	.....
Aug. 22	Webb & Porter	Port Huron	Baked goods	3	1	4	.....
Aug. 13	Western Union Telegraph Co	Port Huron	Telegraph service	6	4	10	4
July 30	Whiting Lumber Co	Port Huron	Lumber	16	2	18	.....
Oct. 9	Whitney's Baking Co	Port Huron	Baked goods	2	.....	2	.....
Aug. 20	Wolverine Dry Dock	Port Huron	Boat repairing, etc	32	.....	32	.....
Oct. 9	Wolverine Rug Co	Port Huron	Rugs	1	1	2	.....
Aug. 8	Wenona Cigar Co., The	Port Huron	Cigars	7	1	8	.....
Oct. 8	Wright, A. H	Port Huron	Repairing	4	.....	4	.....
Aug. 20	Yeager, F. Bridge & Culvert Works	Port Huron	Bridges and culverts	5	1	6	.....
Oct. 9	Young, A. E	Port Huron	Meats	5	1	6	.....
Aug. 7	Yokom, George E	Port Huron	Auto repairing	8	2	10	.....
Aug. 29	Borntrager, Fred	St. Clair	Blacksmithing	3	.....	3	.....
Aug. 29	City Laundry	St. Clair	Laundry	1	2	3	.....
Aug. 30	Detroit Creamery Co	St. Clair	Dairy products	5	1	6	1
Aug. 30	Diamond Crystal Salt Co	St. Clair	Salt	333	68	401	17
Oct. 11	Gliem Brothers	St. Clair	Meats	5	1	6	.....
Aug. 29	Heytaler Brothers	St. Clair	Auto repairing	4	.....	4	.....
Oct. 11	Hornberger's	St. Clair	Harness	1	.....	1	.....
Oct. 11	Kemp, William R	St. Clair	Coal and cement	2	.....	2	.....
Aug. 31	Kenyon's Shipyard	St. Clair	Ships	40	.....	40	.....
Aug. 30	Michigan State Telephone Co	St. Clair	Telephone service	2	9	11	.....
Aug. 29	Municipal Electric Light & Water Wks.	St. Clair	Light and water	5	.....	5	.....
Aug. 29	Nelson Mills Lumber & Mfg. Co	St. Clair	Lumber	9	1	10	.....
Oct. 11	Pollex, H. F	St. Clair	Tailoring	1	1	2	.....
Aug. 30	St. Clair County Press	St. Clair	Printed matter	4	.....	4	.....
Aug. 30	St. Clair Iron Works	St. Clair	Repairing	2	.....	2	.....
Aug. 29	St. Clair Milling Co., The	St. Clair	Flour	4	1	5	.....
Aug. 29	St. Clair Republican, The	St. Clair	Printed matter	3	3	6	1
Aug. 30	Schlinkert Fuel & Builders' Supply Co.	St. Clair	Fuel, etc	7	.....	7	.....
Oct. 11	Sewart, A. A	St. Clair	Auto repairing	2	.....	2	.....
Oct. 11	Streit's Harness & Electric Shop	St. Clair	Harnesses	1	.....	1	.....
Oct. 11	Welsher, N. H	St. Clair	Baked goods	2	.....	2	.....
Oct. 11	Zimmer, N. L	St. Clair	Meats	4	.....	4	.....
Oct. 12	Barr, Charles H	Yale	Blacksmithing	2	.....	2	.....
Oct. 12	Black, Eva J. & Co	Yale	Millinery	.....	2	2	.....
Oct. 12	Eilber & Barth	Yale	Harnesses	2	.....	2	.....
Sept. 7	Ford Sales & Service Station	Yale	Auto repairing	2	.....	2	.....
Oct. 12	Hutton, John	Yale	Hardware	3	1	4	.....
Oct. 12	Johnston, Thomas	Yale	Blacksmithing	2	.....	2	.....
Sept. 7	Livingston, James, Flax Co., The	Yale	Flax	11	1	12	.....
Oct. 12	Melrose, James	Yale	Flax machinery	1	.....	1	.....
Sept. 6	Middleton & Doelle	Yale	Grain, hay and coal	3	1	4	.....
Sept. 6	Municipal Light & Water Plant	Yale	Light and water	3	.....	3	.....
Oct. 12	Oviatt's Bakery	Yale	Baked goods	1	1	2	.....
Oct. 12	Richards, C. E	Yale	Hardware	2	.....	2	.....
Sept. 6	Ritter's Laundry	Yale	Laundry	1	1	2	.....
Oct. 12	Wharton & Co	Yale	Coal, grain and hay	3	1	4	.....
Sept. 7	Yale Canning Co	Yale	Canned goods	46	18	64	20
Sept. 7	Yale Expositor, The	Yale	Printed matter	2	.....	2	.....
Sept. 7	Yale Lumber & Coal Co	Yale	Lumber and coal	2	1	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ST. CLAIR CO.—*Con.*						
Sept. 7	Yale Machine Works	Yale	Machine repairing	2	.....	2	.....
Sept. 6	Yale Milling Co., The	Yale	Flour and feed	3	.....	3	.....
Sept. 7	Yale Record, The	Yale	Printed matter	2	.....	2	.....
Oct. 12	Yale Telephone Co	Yale	Telephone service	3	2	5	.....
Sept. 6	Yale Woolen Mills	Yale	Woolen goods	62	42	104	.....
	ST. JOSEPH COUNTY.						
Dec. 11	Burr Oak Acorn	Burr Oak	Printed matter	3	.....	3	.....
Dec. 11	Campbell & Co	Burr Oak	Grain	2	.....	2	.....
Dec. 11	Eagle Garage	Burr Oak	Auto repairing	3	.....	3	.....
Dec. 11	Sheffield Mfg. Co	Burr Oak	Farm implements	34	1	35	.....
Dec. 11	United Electric Co	Burr Oak	Electricity	5	.....	5	.....
Dec. 7	Centerville Observer	Centerville	Printed matter	2	.....	2	.....
Dec. 7	Centerville Garage	Centerville	Auto repairing	2	.....	2	.....
Dec. 7	Centerville Water & Electric Co	Centerville	Electricity and water	3	.....	3	.....
Dec. 7	Corbett Stone & Lumber Co	Centerville	Stone and lumber	2	.....	2	.....
Dec. 7	Denton, Dr. Sleeping Garment Mills	Centerville	Sleeping garments	43	103	146	.....
Dec. 7	Reynolds, A. H	Centerville	Flour and grain	3	.....	3	.....
Dec. 12	Colon Steam Laundry	Colon	Laundry	1	1	2	.....
Dec. 12	Lamberson, C. A. & Co	Colon	Flour and feed	3	.....	3	.....
Dec. 12	Lamb Knit Goods Co., The	Colon	Knit goods	41	59	100	.....
Dec. 12	United Electric Co	Colon	Electricity	3	.....	3	.....
Dec. 8	Casemen Brothers & Moore	Constantine	Auto repairing	4	.....	4	.....
Dec. 8	City Steam Laundry	Constantine	Laundry	2	.....	2	.....
Dec. 8	Constantine Advertiser-Record	Constantine	Printed matter	1	2	3	.....
Dec. 8	Constantine Board & Paper Co	Constantine	Paper	37	.....	37	.....
Dec. 8	Constantine Casket Co	Constantine	Caskets	50	7	57	.....
Dec. 8	Constantine Cooperative Association	Constantine	Grain, feed, coal, etc	7	.....	7	.....
Dec. 8	Constantine Cooperative Creamery Co.	Constantine	Dairy products	3	.....	3	.....
Dec. 8	Constantine Granite Works	Constantine	Monuments	2	.....	2	.....
Dec. 8	Constantine Hydraulic Co	Constantine	Power	5	.....	5	.....
Dec. 8	Constantine Lumber Co	Constantine	Lumber and coal	4	.....	4	.....
Dec. 8	Constantine Milling Co	Constantine	Flour and feed	14	.....	14	.....
Dec. 8	Drake-Merritt Casket Co	Constantine	Caskets	31	7	38	.....
Dec. 8	Harvey, W. W. & Son	Constantine	Washing machines	3	.....	3	.....
Dec. 8	Peoples Light & Power Co	Constantine	Electricity and power	2	.....	2	.....
Dec. 8	Wilson, A. B. & Co	Constantine	Auto repairing	2	.....	2	.....
Dec. 12	King Milling Co., The	Leonidas	Flour and feed	2	.....	2	.....
Dec. 12	Nixon, James E	Leonidas	Grain and tile	2	1	3	.....
Dec. 12	White Brothers & Co	Leonidas	Grain and hay	4	.....	4	.....
Dec. 11	Creed, J. A	Mendon	Grain	2	.....	2	.....
Dec. 11	Green Meadow Dairy Co	Mendon	Dairy products	3	.....	3	.....
Dec. 11	Kline & Bowman	Mendon	Auto repairing	3	.....	3	.....
Dec. 10	Allard, Homer L	Sturgis	Cigars	6	.....	6	2
Dec. 11	Asmus, Fred	Sturgis	Cigars	2	2	4	.....
Dec. 10	Aulsbrook & Jones Furniture Co	Sturgis	Furniture	168	4	172	.....
Dec. 10	Bassler & Storck	Sturgis	Hardware and plumbing	10	.....	10	.....
Dec. 10	Berridge Shear Co	Sturgis	Shears	61	8	69	8
Dec. 10	Blue & Gilhams	Sturgis	Grain and feed	2	.....	2	.....
Dec. 10	Board of Public Works	Sturgis	Light, power and water	11	1	12	.....
Dec. 10	Cavin, Will A	Sturgis	Lumber	5	1	6	.....
Dec. 10	Central Wheel & Mfg. Co., The	Sturgis	Wheels, etc	17	1	18	.....
Dec. 10	Dietz Dye Works	Sturgis	Cleaning and dyeing	5	.....	5	.....
Dec. 10	Ford Garage, The	Sturgis	Auto repairing	4	.....	4	.....
Dec. 10	Freeland Sons Co	Sturgis	Tanks	23	.....	23	.....
Dec. 10	Gilhams, A. E	Sturgis	Baked goods	7	4	11	.....
Dec. 10	Grobhiser-Cabinetmakers Co	Sturgis	Furniture	94	1	95	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	ST. JOSEPH CO.—*Con.*						
Dec. 10	Hibbard, A. L.	Sturgis	Flour, feed, hay, etc	3	.....	3	.....
Dec. 10	Kane, E. T.	Sturgis	Monuments	3	.....	3	.....
Dec. 10	Kirkpatrick, J. R. Garage	Sturgis	Auto repairing	4	.....	4	.....
Dec. 10	Kirsch Mfg. Co	Sturgis	Curtain fixtures	85	60	145	4
Dec. 10	Long & Miller	Sturgis	Auto repairing	5	.....	5	.....
Dec. 10	Luce, G. W. & Co	Sturgis	Coal and ice	6	1	7	.....
Dec. 10	Major, L. S	Sturgis	Millinery	.....	2	2	.....
Dec. 10	Miller, Charles A. Co	Sturgis	Plumbers' supplies	105	.....	105	.....
Dec. 10	Morency-Van Buren Mfg. Co	Sturgis	Brass goods	125	1	126	.....
Dec. 10	National Carbon Coated Paper Co., The	Sturgis	Salesbooks	83	71	154	.....
Dec. 10	New Central Garage	Sturgis	General repairing	4	.....	4	.....
Dec. 10	Packard, James J	Sturgis	Baked goods	8	4	12	.....
Dec. 10	Royal Easy Chair Co	Sturgis	Chairs	139	21	160	5
Dec. 11	Sturgis Dairy Co	Sturgis	Dairy products	4	.....	4	.....
Dec. 10	Sturgis Electro-Plating Co	Sturgis	Electro plating	5	1	6	.....
Dec. 10	Sturgis Gas Co	Sturgis	Light and power	8	1	9	.....
Dec. 10	Sturgis Grain Co., The	Sturgis	Grain, flour, feed, etc	4	1	5	.....
Dec. 10	Sturgis Journal, The	Sturgis	Printed matter	14	4	18	.....
Dec. 10	Sturgis Machine Co	Sturgis	Machinery	4	.....	4	.....
Dec. 10	Sturgis Steam Laundry	Sturgis	Laundry	3	4	7	.....
Dec. 10	Sturgis Steel Go-Cart Co	Sturgis	Baby carriages	152	37	189	.....
Dec. 10	Turner, George R	Sturgis	Coal and wood	3	.....	3	.....
Dec. 10	Utility Mfg. Co	Sturgis	Castings	12	3	15	.....
Dec. 10	Webb, R. L. Lumber Co	Sturgis	Lumber	3	1	4	.....
Dec. 10	Wiersema Mfg. Co	Sturgis	Bird houses	4	.....	4	.....
Dec. 10	Wilhelm Furniture Co	Sturgis	Furniture	166	2	168	1
Dec. 7	American Laundry	Three Rivers	Laundry	1	5	6	.....
Dec. 7	Armstrong Machine Works	Three Rivers	Steam traps	8	1	9	.....
Dec. 7	Black, S. O. Estate	Three Rivers	Cigars	2	.....	2	.....
Dec. 7	Corlett-Stone Lumber Co	Three Rivers	Lumber and coal	4	.....	4	.....
Dec. 7	D. & A. Post Mould Co	Three Rivers	Post moulds	2	.....	2	.....
Dec. 7	Eddy Paper Co	Three Rivers	Paper	76	.....	76	.....
Dec. 7	Farnam, J. F	Three Rivers	Ice cream & confectionery	1	1	2	.....
Dec. 7	Flint Avenue Garage	Three Rivers	Auto repairing	3	.....	3	.....
Dec. 7	Hazen, W. M	Three Rivers	Lumber and fuel	4	1	5	.....
Dec. 7	Kellogg, R. M. Co	Three Rivers	Strawberry plants	131	86	217	.....
Dec. 7	Klocke, Carl	Three Rivers	Cigars	6	.....	6	.....
Dec. 7	Leader Shoe Store, The	Three Rivers	Shoe repairing	2	.....	2	.....
Dec. 7	Manning, Miss C. I	Three Rivers	Millinery	.....	2	2	.....
Dec. 7	Michigan Gas & Electric Co	Three Rivers	Light and power	8	3	11	.....
Dec. 7	National Fur & Tanning Co	Three Rivers	Furs	6	4	10	.....
Dec. 7	Potter, A. W. Mill & Elevator	Three Rivers	Flour and feed	4	1	5	.....
Dec. 7	Rohrer, F. A	Three Rivers	Cigars	5	.....	5	.....
Dec. 10	Sheffield Car Co	Three Rivers	Car wheels	951	48	999	12
Dec. 7	Three Rivers Electric Service Station	Three Rivers	General electrical work	3	.....	3	.....
Dec. 7	Three Rivers Municipal Plant	Three Rivers	Water and light	6	.....	6	.....
Dec. 7	Three Rivers Press, The	Three Rivers	Printed matter	6	2	8	.....
Dec. 7	Three Rivers Robe Tannery	Three Rivers	Tanned goods	9	10	19	.....
Dec. 7	U. S. Woodenware Mfg. Co	Three Rivers	Ladders, etc	18	.....	18	.....
Dec. 7	Van Horn, Mrs. La Vern	Three Rivers	Millinery	.....	2	2	.....
Dec. 7	White Bakery, The	Three Rivers	Baked goods	2	2	4	.....
Dec. 7	White Garage, The	Three Rivers	Auto repairing	1	.....	1	.....
Dec. 7	Yorton Auto Sales Co	Three Rivers	Auto repairing, etc	4	1	5	.....
Dec. 8	Eddy Paper Co	White Pigeon	Paper	171	.....	171	4
Dec. 8	Gill, F. S	White Pigeon	Grain	2	.....	2	.....
Dec. 8	South Bend Creamery Co	White Pigeon	Dairy products	3	.....	3	.....
Dec. 8	Standard Body Co	White Pigeon	Auto bodies	9	.....	9	.....
Dec. 8	White Pigeon News, The	White Pigeon	Printed matter	1	1	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SANILAC COUNTY.						
Oct. 30	Applegate Creamery, The	Applegate	Dairy products	6	1	7	1
Oct. 30	Applegate Elevator	Applegate	Grain and beans	2		2	
Oct. 30	Hawkins, R	Applegate	Coal and feed	1		1	
Oct. 30	Ruttle, H. Sons	Applegate	Grains and hay	1		1	
Nov. 7	Beckett, E. W	Brown City	Meats	1		1	
Nov. 7	Brown City Garage	Brown City	Auto repairing	2		2	
Nov. 7	Brown City Light & Water Works	Brown City	Light and water	3		3	
Nov. 7	Brown City Mfg. Co	Brown City	Auto trailers	2		2	
Nov. 7	Campbell, Catherine	Brown City	Millinery		2	2	
Nov. 7	Canwood & Co	Brown City	Job printing	3		3	
Nov. 7	Dean, Mrs. E. S	Brown City	Millinery		2	2	
Nov. 7	Etherington, George	Brown City	Blacksmithing	2		2	
Nov. 7	Eureka Milling & Elevator Co	Brown City	Produce	11	1	12	
Nov. 7	Martin, William A	Brown City	Lumber	2		2	
Nov. 7	Sanilac County Creamery Co	Brown City	Dairy products	3	1	4	
Nov. 7	Trumble, Charles H. Co	Brown City	Auto repairing	3		3	
Nov. 7	Valley Hay & Grain Co	Brown City	Grain and produce	4	1	5	
Oct. 31	Carsonville Elevator	Carsonville	Grain	2		2	
Oct. 31	Carsonville Tribune, The	Carsonville	Printed matter	1	1	2	
Oct. 31	Carsonville Light & Water Works	Carsonville	Light and water	1		1	
Oct. 31	Miller, J. I	Carsonville	Meats	2		2	
Oct. 31	O'Connor, J	Carsonville	Lumber and coal	4		4	
Oct. 31	Ruttle, H. Sons	Carsonville	Hay and grain	6		6	
Oct. 26	Baer Brothers	Croswell	Blacksmithing	3		3	
Oct. 26	Bosle Grain Co	Croswell	Grain	3	1	4	
Oct. 26	Burnie Brothers	Croswell	Blacksmithing	2		2	
Oct. 26	Carney, H. L	Croswell	Coal	3		3	
Oct. 27	Central Meat Market	Croswell	Meats	3		3	
Oct. 26	Croswell Auto Co	Croswell	Auto repairing	2		2	
Oct. 27	Croswell Brick & Tile Co	Croswell	Brick and tile	10		10	
Oct. 26	Croswell Bridge & Culvert Co., The	Croswell	Bridges, etc	9	1	10	
Oct. 27	Croswell Creamery Co	Croswell	Dairy products	2		2	
Oct. 27	Croswell Jeffersonian, The	Croswell	Printed matter	2		2	
Oct. 27	Croswell Light & Water Works	Croswell	Light and water	3		3	
Oct. 27	Croswell Lumber & Coal Co., The	Croswell	Lumber and coal	2	1	3	
Oct. 27	Croswell Marble & Granite Co	Croswell	Monuments	2		2	
Oct. 26	Croswell Milling Co	Croswell	Flour	5		5	
Oct. 27	Davidson, George	Croswell	Sheet metal	1		1	
Oct. 27	Edgar, A. J	Croswell	Tailoring	2	2	4	
Oct. 26	Farmers' Elevator	Croswell	Grain and hay	3	20	23	
Oct. 26	Fox River Butter Co., The	Croswell	Dairy products	1		1	
Oct. 27	Ideal Bakery, The	Croswell	Baked goods	2		2	
Oct. 26	King, Ralph	Croswell	Blacksmithing	1		1	
Oct. 27	Livingston, James, Flax Co., The	Croswell	Flax	9		9	
Nov. 28	Michigan Sugar Co	Croswell	Sugar	223	11	234	2
Oct. 27	Moore & Carter Lumber Co., The	Croswell	Lumber, etc	2		2	
Oct. 27	Newberry, George	Croswell	Harness	1		1	
Oct. 27	Smyth & Straffon	Croswell	Auto repairing	4		4	
Oct. 27	Spencer & Hicks	Croswell	Meats	3		3	
Nov. 9	Cass City Grain Co	Decker	Grain and beans	3	13	16	
Nov. 1	Amerline Co	Deckerville	Flax	9		9	
Nov. 1	Bullock & Co	Deckerville	Meats	3		3	
Nov. 1	Cowan & Binkle	Deckerville	Harness	4		4	
Nov. 1	Deckerville Feed Mill, The	Deckerville	Feed	1		1	
Nov. 1	Deckerville Recorder, The	Deckerville	Printed matter	2	1	3	
Nov. 1	Green & Wilson	Deckerville	Grain	4		4	
Nov. 1	Hartshorn & Jones	Deckerville	Auto repairing	3	1	4	
Nov. 1	Hires Condensed Milk Co	Deckerville	Condensed milk	4		4	
Nov. 1	Municipal Electric Light & Water Works	Deckerville	Light and water	3		3	
Nov. 1	Reinelt, John	Deckerville	Lumber	2		2	

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SANILAC CO.—*Con.*						
Nov. 1	Deibele, J. & Son	Dowington	Flour and feed	1	.....	1	.....
Oct. 29	Cruickshank & Co	Lexington	Blacksmithing	2	.....	2	.....
Oct. 29	Foley, A. K	Lexington	Meats	2	.....	2	.....
Oct. 29	Lexington News	Lexington	Printed matter	2	.....	2	.....
Oct. 29	Roach, W. R. & Co	Lexington	Canned goods	130	34	164	32
Nov. 2	McGregor Elevator	McGregor	Grain	1	.....	1	.....
Nov. 6	Appel, J. C	Marlette	Harness	3	.....	3	.....
Nov. 6	Ballard Auto Garage, The	Marlette	Auto repairing	1	.....	1	.....
Nov. 6	Board of Public Works	Marlette	Light and water	3	.....	3	.....
Nov. 6	Chard's Bakery	Marlette	Baked goods	2	.....	2	.....
Nov. 6	Hanley, J. H. & Sons	Marlette	Dairy products	5	.....	5	.....
Nov. 6	Lee Brothers	Marlette	Blacksmithing	2	.....	2	.....
Nov. 6	McCallum Auto Sales Co	Marlette	Auto repairing, etc	2	.....	2	.....
Nov. 6	Marlette Farmers' Cooperative Elevator Co	Marlette	Grain and beans	8	1	9	.....
Nov. 6	Marlette Garage	Marlette	Auto repairing	2	.....	2	.....
Nov. 6	Marlette Leader, The	Marlette	Printed matter	2	.....	2	.....
Nov. 6	Mathews Milling Co	Marlette	Flour and feed	4	.....	4	.....
Nov. 6	Rambo's Garage	Marlette	Auto repairing	2	.....	2	.....
Nov. 6	Shabbona Creamery Co	Marlette	Dairy products	2	.....	2	.....
Nov. 6	Sly, A. L. & Co	Marlette	Meats	3	.....	3	.....
Nov. 6	Smith & Peterson Lumber Co., The	Marlette	Lumber	2	.....	2	.....
Nov. 6	Thumb Lumber Co., The	Marlette	Lumber and cement	2	.....	2	.....
Nov. 6	Weir, James	Marlette	Blacksmithing	1	.....	1	.....
Nov. 6	Weir, W. H	Marlette	Blacksmithing	1	.....	1	.....
Nov. 6	Wilson, Thomas	Marlette	Grain and beans	7	40	47	.....
Nov. 5	Haacke, John D	Melvin	Blacksmithing	1	.....	1	.....
Nov. 5	Kerr Grain & Hay Co	Melvin	Grain and hay	3	2	5	.....
Nov. 12	Dawson, Harry	Minden City	Blacksmithing	2	.....	2	.....
Nov. 12	Minden City Elevator	Minden City	Grain	1	1	2	.....
Nov. 12	Riedel, L. H. & Son	Minden City	Grain	3	.....	3	.....
Nov. 2	Palms Elevator Co	Palms	Grains	2	.....	2	.....
Nov. 5	Grimes & Waterman	Peck	Auto repairing	3	.....	3	.....
Nov. 5	Holmes, N. W	Peck	Meats	2	.....	2	.....
Nov. 5	Moore & Carter	Peck	Lumber and coal	1	.....	1	.....
Nov. 5	Peck Creamery Co	Peck	Dairy products	5	.....	5	.....
Nov. 5	Peck Elevator	Peck	Grains	4	1	5	.....
Nov. 5	Peck Roller Mills	Peck	Flour and feed	2	.....	2	.....
Nov. 5	Sanilac County Times	Peck	Printed matter	1	1	2	.....
Nov. 5	Scribner & Clapsadle	Peck	Auto repairing	2	.....	2	.....
Nov. 5	Tenniswood, A. R	Peck	Blacksmithing	2	.....	2	.....
Nov. 13	Ruth Elevator	Ruth	Grain and beans	3	.....	3	.....
Oct. 30	Anketell Lumber & Coal Co., The	Sandusky	Lumber and coal	2	.....	2	.....
Oct. 30	Bickle, F. A	Sandusky	Flour and feed	3	.....	3	.....
Oct. 31	Costine's Bakery	Sandusky	Baked goods	1	.....	1	.....
Oct. 31	Cowan & Binkle	Sandusky	Harness	1	.....	1	.....
Oct. 30	Davidson, L. R	Sandusky	Repairing	2	.....	2	.....
Oct. 30	Hub Elevator Co	Sandusky	Grain and beans	2	10	12	.....
Oct. 30	Moore & Carter	Sandusky	Lumber and coal	3	.....	3	.....
Oct. 31	Moore & Moore Tile Co	Sandusky	Brick and tile	7	.....	7	.....
Oct. 31	Pfaff, Phil	Sandusky	Meats	3	.....	3	.....
Oct. 30	Sandusky Electric Light & Water Wks.	Sandusky	Light and water	3	.....	3	.....
Oct. 30	Sandusky Grain Co	Sandusky	Grain	8	31	39	.....
Oct. 30	Sanilac County Farmer	Sandusky	Printed matter	2	.....	2	.....
Oct. 30	Sanilac County Republican, The	Sandusky	Printed matter	3	2	5	.....
Oct. 30	Woolman Construction Co	Sandusky	Dredging	37	8	45	.....
Nov. 9	Carter, Peter Lumber Co	Snover	Lumber and coal	2	.....	2	.....
Nov. 9	Snover Grain Co	Snover	Grain, hay, etc	7	20	27	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SCHOOLCRAFT COUNTY.						
Jan. 26	White Marble Lime Co.	Blaney	Stone	17	.....	17	.....
Jan. 24	Bannon, W. S.	Manistique	Dry cleaning	2	1	3	.....
Jan. 25	Barton Brothers	Manistique	Plumbing	3	.....	3	.....
Jan. 24	Berry, Thomas Chemical Co.	Manistique	Chemicals	37	.....	37	.....
Jan. 24	Berry, Thomas, Chemical Co.	Manistique	Forest products	18	.....	18	.....
Jan. 24	Brown Lumber Co.	Manistique	Lumber	68	.....	68	.....
Jan. 24	Cameron & Girvin	Manistique	Plumbing	2	.....	2	.....
Jan. 25	Carson, E. M.	Manistique	Fish	1	1	2	.....
Jan. 24	Central Market, The	Manistique	Meats	4	.....	4	.....
Jan. 24	Charcoal Iron Company of America	Manistique	Chemicals, etc.	518	2	520	.....
Jan. 25	City Fuel Co.	Manistique	Coal	4	.....	4	.....
Jan. 25	City Meat Market	Manistique	Meats	4	.....	4	.....
Jan. 25	Coffey, John	Manistique	Fish	30	1	31	.....
Jan. 24	Consolidated Lumber Co.	Manistique	Lumber	165	1	166	.....
Jan. 25	Cookson-Leroy Hardware Co.	Manistique	Hardware	5	.....	5	.....
Jan. 24	Courier-Record, The	Manistique	Printed matter	3	2	5	.....
Jan. 24	Deemer, V. P.	Manistique	Cigars	4	2	6	.....
Jan. 25	Ekstrom Lumber Co.	Manistique	Lumber	6	1	7	.....
Jan. 25	Falk, John A.	Manistique	Hardware	3	.....	3	.....
Jan. 25	Ford Service Garage	Manistique	Auto repairing	4	.....	4	.....
Jan. 24	Gero & Carroll	Manistique	Hardware	4	.....	4	.....
Jan. 24	Goodwillie Brothers	Manistique	Boxes	187	32	219	6
Jan. 24	Halgren & Peterson	Manistique	Harness	2	.....	2	.....
Jan. 24	Herald Press, The	Manistique	Job printing	2	1	3	.....
Jan. 25	Manistique Bakery	Manistique	Baked goods	2	1	3	.....
Jan. 24	Manistique Candy Kitchen	Manistique	Candy	2	1	3	.....
Jan. 24	Manistique Cooperage Co.	Manistique	Barrels	44	1	45	.....
Jan. 25	Manistique Garage Co.	Manistique	Auto repairing	5	.....	5	.....
Jan. 24	Manistique Handle Co.	Manistique	Handles	34	1	35	3
Jan. 24	Manistique & Lake Superior Ry. Co.	Manistique	Car repairing	20	.....	20	.....
Jan. 24	Manistique Light & Power Co.	Manistique	Light and power	8	1	9	.....
Jan. 24	Manistique Pioneer-Tribune, The	Manistique	Printed matter	3	2	5	.....
Jan. 24	Manistique Power Laundry	Manistique	Laundry	3	7	10	.....
Jan. 24	Manistique Pulp & Paper Co.	Manistique	Paper	457	.....	457	3
Jan. 25	Manistique Telephone Co.	Manistique	Telephone service	5	5	10	.....
Jan. 24	Northwestern Leather Co.	Manistique	Leather	105	.....	105	2
Jan. 25	Olsen, Clara	Manistique	Millinery	.....	2	2	.....
Jan. 25	Peterson, Julius & Son	Manistique	Tailoring	4	1	5	.....
Jan. 25	Reinwand, C. W.	Manistique	Tailoring	2	1	3	.....
Jan. 25	Ryan Hat Shop	Manistique	Millinery	.....	4	4	.....
Jan. 25	Sanitary Meat Market	Manistique	Meats	3	1	4	.....
Jan. 25	Schneider, M. Fuel Co.	Manistique	Coal and wood	5	.....	5	.....
Jan. 25	Scott, Joseph W.	Manistique	Door frames	3	.....	3	.....
Jan. 24	Standard Oil Co.	Manistique	Oils	3	.....	3	.....
Jan. 25	Up-to-Date Meat Market	Manistique	Meats	3	.....	3	.....
Jan. 24	Vandyck, J. H.	Manistique	Meats	6	.....	6	1
Jan. 25	Voisine, Henry & Son	Manistique	Blacksmithing	5	.....	5	.....
Jan. 24	White Marble Lime Co.	Manistique	Shingles	57	.....	57	.....
Jan. 24	White Marble Lime Co.	Manistique	Stone and lime	40	1	41	.....
Jan. 24	White Marble Lime Co.	Marblehead	Lime and stone	21	.....	21	.....
Jan. 26	Chesbrough, A. M.	Thompson	Lumber	47	.....	47	.....
Jan. 26	Chesbrough, A. M.	Thompson	Forest products	31	.....	31	.....
	SHIAWASSEE COUNTY.						
Nov. 19	Bancroft Commercial, The	Bancroft	Job printing	1	1	2	.....
Nov. 19	Bancroft Elevator Co.	Bancroft	Grain and beans	2	1	3	.....
Nov. 19	Bancroft Garage	Bancroft	Auto repairing	2	.....	2	.....
Nov. 19	Callard Brothers Co.	Bancroft	Furniture	5	.....	5	.....
Nov. 19	Devereaux, W.	Bancroft	Woodworking	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SHIAWASSEE CO.—*Con.*						
Nov. 19	Hemenway & Conrad	Bancroft	Meats	5	.....	5	.....
Nov. 19	Mac Laren Imperial Cheese Co	Bancroft	Cheese	2	.....	2	.....
Nov. 19	Symes, George E. Co., The	Bancroft	Lumber and coal	2	.....	2	.....
Nov. 19	Waldie, E. J. & Son	Bancroft	Meats	3	.....	3	.....
Nov. 16	Farmers' Cooperative Elevator Co., The	Bennington	Grain and beans	2	.....	2	.....
Nov. 16	Ockerman, M. L	Bennington	Blacksmithing	2	.....	2	.....
Nov. 17	Byron Feed Mill	Byron	Feed	2	.....	2	.....
Nov. 17	Central Elevator Co	Byron	Grain and beans	2	1	3	.....
Nov. 17	Downing, Floyd W	Byron	Provisions	1	1	2	.....
Nov. 17	Grand Ledge Milk Co	Byron	Dairy products	2	.....	2	.....
Nov. 22	Carland Cheese Co., The	Carland	Dairy products	2	.....	2	.....
Nov. 22	Carland Mercantile Co	Carland	Coal, implements, etc	2	1	3	.....
Nov. 22	Croel, C. A	Carland	Beans and grain	3	.....	3	.....
Nov. 22	Head, Lee	Carland	Auto repairing	2	.....	2	.....
Nov. 21	Biggam Trailer Corporation, The	Corunna	Auto trailers	16	1	17	.....
Nov. 20	Cash Economy, The	Corunna	Meats	2	.....	2	.....
Nov. 20	Corunna City Water Works, The	Corunna	Water	1	.....	1	.....
Nov. 21	Corunna Mill & Elevator Co., The	Corunna	Flour and feed	3	.....	3	.....
Nov. 20	Corunna News, The	Corunna	Job printing	2	.....	2	.....
Nov. 20	Corunna Steam Laundry	Corunna	Laundry	1	2	3	.....
Nov. 20	Dunckley, R. W	Corunna	Blacksmithing	2	.....	2	.....
Nov. 20	Elkins, John M. & Co	Corunna	Auto repairing & plumbing	3	1	4	.....
Nov. 20	Farmers' Cooperative Elevator Co	Corunna	Grain and beans	4	.....	4	.....
Nov. 20	Marshall, H. F	Corunna	Repairing	1	.....	1	.....
Nov. 20	United States Robe Co., The	Corunna	Robes	7	16	23	.....
Nov. 20	Vernon Milling Co	Corunna	Flour and feed	5	.....	5	.....
Nov. 21	Durand Auto Co	Durand	Auto repairing	3	.....	3	.....
Nov. 21	Durand Creamery Co	Durand	Dairy products	9	2	11	.....
Nov. 21	Durand Express, The	Durand	Printed matter	4	.....	4	.....
Nov. 21	Durand Farmers Elevator Co	Durand	Beans and grain	3	.....	3	.....
Nov. 20	Durand Hoop Co., The	Durand	Hoops	38	1	39	.....
Nov. 21	Durand Lumber Co	Durand	Lumber	3	1	4	.....
Nov. 21	Durand Milling Co	Durand	Flour and feed	2	.....	2	.....
Nov. 21	Grand Trunk Railway System	Durand	Constructing	20	1	21	.....
Nov. 21	Grand Trunk Railway System	Durand	Car repairing	57	1	58	1
Nov. 21	Grand Trunk Railway System	Durand	Car repairing	87	2	89	2
Nov. 21	Isbell-Brown Co	Durand	Grain and beans	4	.....	4	.....
Nov. 20	Leighton, F. E. Co., The	Durand	Produce	3	.....	3	.....
Nov. 21	Sachs & Brock	Durand	Baked goods	6	1	7	.....
Nov. 21	Village of Durand, Light & Water Works, The	Durand	Light and water	5	.....	5	.....
Nov. 22	Henderson Cheese Co., The	Henderson	Dairy products	3	.....	3	.....
Nov. 22	Henderson Creamery, The	Henderson	Dairy products	2	.....	2	.....
Nov. 22	Kirn, E. E	Henderson	Grain and beans	2	8	10	.....
Nov. 16	Bailey, C. R. Co., The	Laingsburg	Grain and beans	4	21	25	.....
Nov. 16	Brya, A. F	Laingsburg	Hardware	3	.....	3	.....
Nov. 16	Central Michigan Telephone Co., The	Laingsburg	Telephone service	2	4	6	.....
Nov. 16	Farmers' Cooperative Elevator Co	Laingsburg	Grain and beans	4	15	19	.....
Nov. 16	Laingsburg Garage	Laingsburg	Auto repairing	1	.....	1	.....
Nov. 16	Laingsburg News, The	Laingsburg	Printed matter	1	1	2	.....
Nov. 16	Lee, Emil & Co	Laingsburg	Lumber and coal	2	.....	2	.....
Nov. 16	Mock, J. G	Laingsburg	Meats	2	.....	2	.....
Nov. 16	Piatt & Son	Laingsburg	Flour and feed	4	.....	4	.....
Nov. 16	Piper, C. N	Laingsburg	Blacksmithing	3	.....	3	.....
Nov. 16	Bishop Creameries, The	Morrice	Dairy products	1	1	2	.....
Nov. 16	Davis, Harry E	Morrice	Flour and feed	3	.....	3	.....
Nov. 16	Gates & Blossom	Morrice	Meats	2	.....	2	.....
Nov. 16	Morrice Grain & Bean Co	Morrice	Grain and beans	3	26	29	.....
Nov. 22	Aberle, Fred & Co	Owosso	Hides and pelts	3	.....	3	.....
Nov. 22	American Malleables Co	Owosso	Castings	340	23	363	.....
Nov. 23	Angello, Mike	Owosso	Shoe repairing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SHIAWASSEE CO.—*Con.*						
Nov. 22	Ann Arbor Railroad Co	Owosso	Freight	9	.....	9	.....
Nov. 22	Ann Arbor Railroad Co	Owosso	Car repairing	157	4	161	.....
Mar. 1	Argus-Press Co., The	Owosso	Printed matter	14	5	19	1
Nov. 22	Armour & Co	Owosso	Produce	16	20	36	1
Nov. 23	Auto Sales Co., The	Owosso	Auto repairing	6	.....	6	.....
Nov. 23	Axford, B. L	Owosso	Coal	3	1	4	.....
Nov. 23	Axford, Fred T	Owosso	Meats	3	.....	3	.....
Nov. 22	Bailey Market	Owosso	Meats	2	.....	2	.....
Nov. 23	Beattie & Ross	Owosso	Painting & decorating	12	1	13	.....
Nov. 23	Bell, George	Owosso	Baked goods	6	1	7	.....
Nov. 23	Benson's, Mrs. Millinery Store	Owosso	Millinery	.....	3	3	.....
Nov. 23	Blair's Sporting Goods Store	Owosso	Sporting goods	2	.....	2	.....
Nov. 23	Bower & Metzer	Owosso	Meats	2	1	3	.....
Mar. 3	Campbell, S. M	Owosso	Cement	6	.....	6	.....
Nov. 23	Capitan, Harry	Owosso	Confectionery	5	.....	5	.....
Nov. 23	Carr, E. L	Owosso	Meats	4	1	5	.....
Nov. 23	City Auto Tire & Repair Co	Owosso	Tire repairing	3	1	4	.....
Nov. 28	City Laundry & Cleaning Works	Owosso	Laundry	5	10	15	.....
Nov. 22	City Meat Market	Owosso	Meats	3	.....	3	.....
Nov. 23	Consumers Power Co	Owosso	Electricity	10	3	13	.....
Nov. 23	Connor, C. A. Ice Cream Co	Owosso	Ice cream	4	3	7	.....
Nov. 24	Corunna Ice Co	Owosso	Ice	2	.....	2	.....
Nov. 23	Crowe Implement Co	Owosso	Implements	3	.....	3	.....
Nov. 23	Detroit Creamery Co	Owosso	Dairy products	8	1	9	.....
Nov. 23	Dudeck, H. A	Owosso	Blacksmithing	3	.....	3	.....
Nov. 23	Dutcher, Bert	Owosso	Tailoring	1	1	2	.....
Mar. 1	Earle's Bakery	Owosso	Baked goods	4	.....	4	1
Nov. 23	Earl, Z. W	Owosso	Plumbing and heating	2	.....	2	.....
Nov. 23	Ellis, J. Edwin	Owosso	Stoves	119	3	122	.....
Nov. 23	Electric Laundry	Owosso	Laundry	3	10	13	.....
Nov. 23	Elite Hat Shop	Owosso	Millinery	.....	3	3	.....
Nov. 22	Estey Mfg. Co	Owosso	Furniture	93	13	106	4
Nov. 23	Evans, John H	Owosso	Ice cream	1	2	3	.....
Nov. 22	Field Mfg. Co	Owosso	Auto bodies	82	4	86	2
Nov. 23	Fricke, Fred	Owosso	Shoe repairing	1	.....	1	.....
Nov. 23	Frischke, George P	Owosso	Meats	3	.....	3	.....
Nov. 23	Gessler, F. J	Owosso	Tailoring	1	1	2	.....
Nov. 23	Hadsall, W. G	Owosso	Sheet metal	3	.....	3	.....
Nov. 22	Hall, L. C	Owosso	Grain and beans	3	1	4	.....
Nov. 23	Hartshorn Auto Co	Owosso	Auto repairing	5	1	6	.....
Nov. 23	Hayward, E. F	Owosso	Painting & decorating	2	2	4	.....
Mar. 1	Hecht, Joseph	Owosso	Cigars	2	1	3	.....
Nov. 23	Hollis, A. F	Owosso	Plumbing	5	1	6	.....
Nov. 23	Izor Printing Co., The	Owosso	Job printing	2	.....	2	.....
Nov. 23	Kaiser, Fred	Owosso	Blacksmithing	1	.....	1	.....
Nov. 23	Kelly, John R	Owosso	Plumbing	8	1	9	.....
Nov. 23	Marble Brothers	Owosso	Electrical supplies	4	1	5	.....
Nov. 23	Martin, George W	Owosso	Harness	1	.....	1	.....
Nov. 23	May & Ward	Owosso	Job printing	1	.....	1	.....
Nov. 23	Michigan State Telephone Co	Owosso	Telephone service	4	7	11	.....
Nov. 23	Moulton Dairy Product Co	Owosso	Dairy products	2	1	3	.....
Nov. 22	Mulhall-Erb Co	Owosso	Lumber	6	1	7	.....
Nov. 23	National Iron & Metal Co	Owosso	Junk	5	.....	5	.....
Nov. 23	Newman's Garage	Owosso	Auto repairing	4	.....	4	.....
Nov. 23	Norris, Albert	Owosso	Tailoring	3	.....	3	.....
Nov. 23	Orser's Job Printery	Owosso	Job printing	1	2	3	.....
Mar. 1	Osborn Dry Cleaner	Owosso	Dry cleaning	4	.....	4	.....
Nov. 22	Overland Sales Co	Owosso	Auto repairing	5	.....	5	.....
Nov. 23	Owosso Argus-Press, The	Owosso	Printed matter	17	6	23	1
Nov. 22	Owosso Baking Co	Owosso	Baked goods	6	2	8	2

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SHIAWASSEE CO.—*Con.*						
Nov. 22	Owosso Boiler Works	Owosso	Boilers	31	1	32	.....
Nov. 22	Owosso Casket Co	Owosso	Caskets	119	29	148	3
Nov. 27	Owosso Cast Stone Block Co	Owosso	Cement blocks	2	.....	2	.....
Nov. 23	Owosso Dry Cleaning Works	Owosso	Dry cleaning	3	.....	3	.....
Nov. 23	Owosso Floral Co	Owosso	Flowers	1	1	2	.....
Nov. 23	Owosso Fruit Co	Owosso	Fruit	3	.....	3	.....
Nov. 23	Owosso Gas Light Co	Owosso	Gas	11	.....	11	.....
Nov. 22	Owosso Ice & Fuel Co	Owosso	Ice and fuel	11	.....	11	.....
Nov. 22	Owosso Mfg. Co	Owosso	Woodworking	173	54	227	3
Nov. 22	Owosso Milling Co	Owosso	Flour and feed	5	1	6	.....
Nov. 22	Owosso Planing Mill	Owosso	Lumber	3	1	4	.....
Dec. 7	Owosso Sugar Co	Owosso	Sugar	61	.....	61	.....
Nov. 27	Owosso Truck Co	Owosso	Trucks	4	1	5	.....
Nov. 23	Owosso Upholstering & Repair Co	Owosso	Upholstering	1	.....	1	.....
Nov. 23	Owosso Water Works	Owosso	Water	7	.....	7	.....
Nov. 23	Palace of Sweets	Owosso	Candy	3	1	4	.....
Mar. 1	Palmer, Albert E. & Sons	Owosso	Clamps	9	.....	9	.....
Nov. 22	Parker Monument Co	Owosso	Monuments	5	1	6	.....
Nov. 23	Payne, W. E	Owosso	Implements	3	1	4	.....
Nov. 23	Phillips Brothers	Owosso	Implements	3	1	4	.....
Nov. 23	Phillips & Taylor	Owosso	Auto transfer	11	.....	11	.....
Mar. 3	Ploch, Henry	Owosso	Baked goods	2	.....	2	.....
Nov. 23	Pollock, Charles E	Owosso	Cigars	1	.....	1	.....
Nov. 23	Preston, George	Owosso	Blacksmithing	3	.....	3	.....
Nov. 23	Reuss, C	Owosso	Millinery	.....	4	4	.....
Nov. 22	Robbins Table Co	Owosso	Tables	46	12	58	1
Mar. 1	Robinson, William V	Owosso	Polishers	2	.....	2	.....
Nov. 23	Rundell Brothers	Owosso	Dairy products	4	1	5	.....
Nov. 23	Shields, L. E	Owosso	Dairy products	3	.....	3	.....
Nov. 23	Siess, Paul & Co	Owosso	Cigars	10	3	13	.....
Nov. 23	Smith, Fred	Owosso	Upholstering	1	.....	1	.....
Mar. 1	Standard Machinery Co., The	Owosso	Machinery	39	1	40	.....
Nov. 22	Sturtevant & Blood	Owosso	Lumber, coal and wood	6	1	7	.....
Nov. 24	Sunnyside Greenhouses	Owosso	Flowers	3	1	4	.....
Nov. 23	Sutfin, F. E	Owosso	Carriages	5	.....	5	.....
Nov. 23	Tannehill's Bakery	Owosso	Baked goods	1	3	4	.....
Nov. 23	Times Printing Co., The	Owosso	Printed matter	4	.....	4	.....
Nov. 22	Todd, Albert Co., The	Owosso	Hay	9	1	10	.....
Nov. 23	Townsend-Fulmer Co	Owosso	Electrical supplies	3	1	4	.....
Nov. 24	Union Mattress Co	Owosso	Mattresses	1	2	3	.....
Nov. 23	Union Telephone Co., The	Owosso	Telephone service	31	34	65	.....
Nov. 23	Van Sice, W. H	Owosso	Beans, grain and coal	8	16	24	.....
Nov. 23	Ward, Arthur Co., The	Owosso	Sheet metal	8	.....	8	.....
Nov. 22	Watson's Machine Shop	Owosso	Machine repairing	1	.....	1	.....
Nov. 22	Welch, Fred	Owosso	Grain and beans	6	2	8	.....
Nov. 23	West Side Garage	Owosso	Auto repairing	3	.....	3	.....
Nov. 23	White Bakery, The	Owosso	Baked goods	2	1	3	.....
Nov. 23	Whitely, B. F	Owosso	Tailoring	2	1	3	.....
Nov. 22	Wood, M. & Co	Owosso	Handles	18	.....	18	.....
Nov. 22	Woodard Furniture Co	Owosso	Furniture	169	1	170	.....
Nov. 23	Wright, C. C	Owosso	Flour and feed	4	1	5	.....
Nov. 23	Young-Randolph Seed Co	Owosso	Seed and grain	5	3	8	.....
Nov. 22	Zimmerman, J. N	Owosso	Handles	12	5	17	3
Nov. 23	Zimmerman, M	Owosso	Blacksmithing	2	.....	2	.....
Nov. 15	Bert's Garage	Perry	Auto repairing	2	.....	2	.....
Nov. 15	Castaline, Ford	Perry	Blacksmithing	1	.....	1	.....
Nov. 15	Halpin Creameries, The	Perry	Dairy products	2	.....	2	.....
Nov. 15	Motor Inn, The	Perry	Auto repairing	3	.....	3	.....
Nov. 15	Perry Glove & Mitten Co	Perry	Gloves and mittens	17	52	69	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	SHIAWASSEE CO.—*Con.*						
Nov. 15	Perry Journal & Morrice News-Clipper, The	Perry	Job printing	1	.....	1	.....
Nov. 15	Perry Lumber & Coal Co	Perry	Lumber and coal	3	.....	3	.....
Nov. 15	Starks, H. Co., The	Perry	Grain and beans	4	44	48	.....
Nov. 20	Ferguson, U. P	Vernon	Implements	2	.....	2	.....
Nov. 20	Kear, A. W. & Son	Vernon	Auto repairing	1	.....	1	.....
Nov. 20	Michigan Milling Co	Vernon	Grain and beans	2	.....	2	.....
Nov. 16	Consumers Power Co	Shaftsburg	Electricity	3	.....	3	.....
Nov. 11	Stockbridge Elevator Co	Shaftsburg	Grain and beans	2	10	12	.....
	TUSCOLA COUNTY.						
Aug. 16	Akron Leader, The	Akron	Printed matter	1	.....	1	.....
Aug. 16	Brandt, August	Akron	Blacksmithing	2	.....	2	.....
Aug. 16	Carpenter & Forbes	Akron	Lumber	2	.....	2	.....
Aug. 16	Hess Elevator Co	Akron	Grain and beans	4	11	15	.....
Aug. 16	Stroud, Oliver	Akron	Meats	2	.....	2	.....
Sept. 12	Bechtel, W. H	Caro	Baked goods	4	2	6	.....
Sept. 3	Caro Farmers' Cooperative Elevator Co	Caro	Grain and beans	7	20	27	.....
Sept. 4	Caro Light & Power Co	Caro	Light and power	5	.....	5	.....
Aug. 24	Caro Marble & Granite Works	Caro	Monuments	3	.....	3	.....
Sept. 3	Caro Motor Sales Co	Caro	Auto repairing	8	.....	8	.....
Aug. 24	Caro Vulcanizing Co	Caro	Auto repairing	2	.....	2	1
Sept. 4	Caro Water Works Co	Caro	Water	4	.....	4	.....
Aug. 23	Cummings & McPherson	Caro	Monuments	3	.....	3	.....
Aug. 24	Cummins Bros. Lumber Co	Caro	Lumber	2	.....	2	.....
Aug. 27	Forbes, W. A. Co	Caro	Lumber	5	.....	5	.....
Sept. 3	Fournier, Joseph	Caro	Feed and shingles	4	.....	4	.....
Sept. 4	Jones & Humm Auto Co	Caro	Auto repairing	3	.....	3	.....
Aug. 23	Kinde, Wm	Caro	Meats	7	1	8	1
Sept. 3	Lawrence, R. E	Caro	Repairing	3	.....	3	.....
Sept. 4	Lloyd, R. B	Caro	Blacksmithing	3	.....	3	.....
Sept. 3	McKinley, David	Caro	Plumbing	5	.....	5	.....
Aug. 23	Malsbury & Worthington	Caro	Repairing	5	.....	5	.....
Sept. 3	Michigan Salt Pickle Supply Co	Caro	Pickles	3	.....	3	.....
Sept. 10	Michigan Sugar Co	Caro	Sugar	199	3	202	.....
Sept. 4	Miller Auto Top Co	Caro	Auto tops	23	2	25	.....
Sept. 1	Miller, George F	Caro	Repairing	3	.....	3	.....
Aug. 27	Moore Telephone System	Caro	Telephone service	8	8	16	.....
Sept. 4	Myers, H. S. & Co	Caro	Auto repairing	5	.....	5	.....
Sept. 12	Park, Robert	Caro	Produce	4	.....	4	.....
Sept. 1	Pierce, C. M. & Son	Caro	Meats	5	1	6	1
Sept. 4	Ransford's Laundry	Caro	Laundry	3	3	6	.....
Aug. 27	Robbins, James	Caro	Auto repairing	2	.....	2	.....
Aug. 27	Shurlow Bros	Caro	Farm products	3	.....	3	.....
Aug. 27	Simpson, Oscar J	Caro	Blacksmithing	4	.....	4	.....
Aug. 24	Thumb Creamery Co	Caro	Dairy products	3	1	4	.....
Sept. 10	Tuscola County Advertiser	Caro	Printed matter	5	3	8	.....
Sept. 4	Tuscola County Courier	Caro	Printed matter	4	3	7	.....
Sept. 3	Tuscola Elevator Co	Caro	Grain and beans	6	31	37	.....
Aug. 22	Farm Produce Co., The	Cass City	Produce and wool	5	20	25	.....
Aug. 22	Hires Condensed Milk Co	Cass City	Condensed milk	22	.....	22	.....
Aug. 22	Libby, McNeill & Libby	Cass City	Pickles	2	.....	2	.....
Aug. 22	Municipal Light & Water Works	Cass City	Light and water	3	1	4	.....
Aug. 18	Cass City Grain Co	Deford	Produce	2	21	23	.....
Aug. 18	Gage, J. B	Deford	Blacksmithing	2	.....	2	.....
Aug. 18	Roberts, Geo	Deford	Machine repairing	2	.....	2	.....
Aug. 14	Barriger, H. S	Fairgrove	Blacksmithing, etc	2	.....	2	.....
Aug. 14	Bliss Lighting Co	Fairgrove	Light	1	.....	1	.....
Aug. 14	Fairgrove Enterprise, The	Fairgrove	Printed matter	2	1	3	.....
Aug. 14	Lynn, H. C	Fairgrove	Meats	2	1	3	.....
Aug. 14	Morgan, O	Fairgrove	Blacksmithing	1	.....	1	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	TUSCOLA CO.—*Con.*						
Aug. 14	Richardson, F. H. & Co	Fairgrove	Grain and lumber	2	31	33	.....
Sept. 7	Postoria Creamery Co	Fostoria	Butter	2	.....	2	.....
Sept. 7	Manchester, C. A	Fostoria	Hay and produce	3	.....	3	.....
Sept. 7	Robertson, E. C. & Son	Fostoria	Grain and lumber	6	10	16	.....
Sept. 7	Stiles Elevator Co	Fostoria	Grain	3	.....	3	.....
Sept. 7	Stipe, William	Fostoria	Blacksmithing	2	.....	2	.....
Sept. 7	Tompkins, J. J	Fostoria	Meats	2	.....	2	.....
Aug. 10	Gagetown Grain Co	Gagetown	Grain and wool	5	21	26	.....
Aug. 10	Gagetown Roller Mills	Gagetown	Flour and feed	2	.....	2	.....
Aug. 10	Purdy, James L	Gagetown	Lumber	1	.....	1	.....
Aug. 10	Warner Dairy Co	Gagetown	Cheese	1	.....	1	.....
Aug. 14	Wilson, James	Gilford	Blacksmithing	2	.....	2	.....
Sept. 5	Boomer, J. W	Kingston	Auto repairing	2	.....	2	.....
Sept. 5	Colston, John A	Kingston	Blacksmithing	2	.....	2	.....
Sept. 5	Fox, Richard	Kingston	Repairing	2	.....	2	.....
Sept. 5	Kingston Butter Co	Kingston	Butter	2	1	3	.....
Sept. 5	Kingston Enterprise, The	Kingston	Printed matter	1	1	2	.....
Sept. 5	Kingston Grain Co	Kingston	Coal, grain and beans	2	16	18	.....
Sept. 5	Kingston Light & Water Works	Kingston	Light and water	4	.....	4	.....
Sept. 5	Legg, Leo A	Kingston	Repairing	2	.....	2	.....
Sept. 5	Legg & Moore	Kingston	Meats	3	.....	3	.....
Sept. 5	Peter, Albert	Kingston	Lumber	2	.....	2	.....
Sept. 5	Young, J. W	Kingston	Feed	2	.....	2	.....
Sept. 6	Cartwright, J. F. & Sons	Mayville	Dairy products	3	.....	3	.....
Sept. 5	Fremont Grain & Produce Co	Mayville	Grain and beans	2	16	18	.....
Sept. 6	Galliver, Chas	Mayville	Auto accessories	2	.....	2	.....
Sept. 6	Heinz, H. J. Co	Mayville	Pickles	3	.....	3	.....
Sept. 6	Hollenbeck, A. E	Mayville	Grain and produce	2	.....	2	.....
Sept. 6	Home Bakery, The	Mayville	Baked goods	2	2	4	1
Sept. 6	Johnson, W. J	Mayville	Castings	2	.....	2	.....
Sept. 6	Mayville Creamery Co	Mayville	Dairy products	2	.....	2	1
Sept. 6	Mayville Milling Co	Mayville	Flour and feed	3	10	13	.....
Sept. 6	Mayville Monitor, The	Mayville	Printed matter	2	1	3	.....
Sept. 6	Mayville Municipal Lighting Plant	Mayville	Light and water	2	.....	2	.....
Sept. 6	Webster, R	Mayville	Meats	2	.....	2	.....
Aug. 15	Egle, Geo	Millington	Blacksmithing	1	.....	1	.....
Aug. 15	Millington Milling Co., The	Millington	Flour and feed	3	.....	3	.....
Aug. 15	Millington Water Works	Millington	Water	1	.....	1	.....
Aug. 15	Millington Grain Co	Millington	Grain and produce	2	10	12	.....
Aug. 15	Mutton, C. A., Lumber Co	Millington	Lumber	1	.....	1	.....
Aug. 15	Schroeder, H. F	Millington	Repairing	2	.....	2	.....
Aug. 15	Sioux City Seed & Nursery Co	Millington	Beans and peas	4	29	33	.....
Aug. 13	Massoll, Wm	Reese	Auto repairing	2	.....	2	.....
Aug. 14	Pardie, L	Reese	Staves and headings	5	2	7	.....
Aug. 13	Reese Cooperative Butter & Cheese Co	Reese	Butter and cheese	2	.....	2	.....
Aug. 13	Reese Elevator & Milling Co	Reese	Coal, grain, etc	2	16	18	.....
Aug. 13	Reese Review, The	Reese	Printing	2	.....	2	.....
Aug. 13	Rummell, Albert	Reese	Plumbing	2	.....	2	.....
Aug. 13	Schemm, George	Reese	Auto repairing	5	.....	5	.....
Aug. 13	Webber, Walter J	Reese	Hay and beans	2	.....	2	.....
Aug. 11	Jordan, John	Richville	Blacksmithing	2	.....	2	.....
Aug. 11	Ortner, J. L	Richville	Grain and beans	2	6	8	.....
Aug. 11	Richville Cheese & Butter Co	Richville	Dairy products	2	.....	2	.....
Aug. 11	Schluckebier, Peter Carl	Richville	Lumber	1	.....	1	.....
Aug. 11	Schultz, E. C	Richville	Meats	2	.....	2	.....
Aug. 17	Korte, Geo. E	Unionville	Meats	2	.....	2	1
Aug. 17	Unionville Creamery Co	Unionville	Butter	3	.....	3	1
Aug. 17	Unionville Crescent, The	Unionville	Printed matter	1	2	3	.....
Aug. 17	Unionville Lumber Co	Unionville	Lumber	6	.....	6	.....
Aug. 17	Unionville Milling Co	Unionville	Grain and beans	2	21	23	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	TUSCOLA CO.—*Con.*						
Aug. 21	Giddings, D. L.	Vassar	Repairing	1	.....	1	.....
Aug. 20	Grant, William	Vassar	Furs and mountings	4	.....	4	.....
Aug. 20	Halpin Creameries, The	Vassar	Dairy products	14	3	17	.....
Aug. 21	Hammant & Shoop	Vassar	Repairing	2	.....	2	.....
Aug. 21	Heinz, H. J. Co.	Vassar	Pickles	5	.....	5	1
Aug. 20	Hodges, W. G.	Vassar	Meats	2	1	3	.....
Aug. 20	Miller Grain Co., The	Vassar	Lumber and grain	9	21	30	.....
Aug. 20	Purcell, W. D.	Vassar	Meats and groceries	2	.....	2	.....
Aug. 20	Park, Ransom S.	Vassar	Granite and marble	1	.....	1	.....
Aug. 21	Reliance Milling Co.	Vassar	Grain and beans	4	21	25	.....
Aug. 21	Shurlow Bros.	Vassar	Poultry	1	.....	1	.....
Aug. 20	Stage, F. F.	Vassar	Cigars	3	.....	3	.....
Aug. 21	Truax, G. L.	Vassar	Blacksmithing	3	.....	3	.....
Aug. 20	Vassar Electric Light & Water Works	Vassar	Light and water	5	.....	5	.....
Aug. 20	Vassar Farmers' Elevator Co.	Vassar	Grain and beans	4	16	20	.....
Aug. 20	Vassar Pioneer-Times	Vassar	Printed matter	2	1	3	.....
Aug. 21	Vassar Stamping Works	Vassar	Stamping works	9	.....	9	.....
Sept. 5	Hartt & Huffman	Wilmot	Meats, etc.	1	1	2	.....
Sept. 5	Libby, McNeill & Libby	Wilmot	Pickles	2	1	3	.....
Sept. 5	McCartney, John M.	Wilmot	Blacksmithing	2	.....	2	.....
	VAN BUREN COUNTY.						
Oct. 15	Ackley & Sherrod	Bangor	Lumber	3	1	4	.....
Oct. 15	Bangor Advance, The	Bangor	Printing	2	2	4	.....
Oct. 16	Bangor Canning Co.	Bangor	Canned goods	24	89	113	.....
Oct. 16	Bangor Creamery, The	Bangor	Dairy products	2	.....	2	.....
Oct. 16	Bangor Elevator & Supply Co.	Bangor	Grain and implements	3	1	4	.....
Oct. 16	Bangor Fruit Growers' Exchange	Bangor	Fruits	10	5	15	.....
Oct. 16	Bangor Garage, The	Bangor	Auto repairing	5	.....	5	.....
Nov. 3	Bangor United Telephone Co.	Bangor	Telephone service	2	2	4	.....
Oct. 16	Barrett & Barrett	Bangor	Vinegar	5	.....	5	.....
Oct. 16	Broadwell, W. M.	Bangor	Lumber	7	1	8	.....
Oct. 16	Brown, James M.	Bangor	Merchant tailoring	1	.....	1	.....
Oct. 16	Buyce, R. A.	Bangor	Fruits and produce	3	.....	3	.....
Oct. 15	Decker, Ola	Bangor	Millinery	.....	2	2	.....
Oct. 16	Ford Garage	Bangor	Auto repairing	4	.....	4	.....
Oct. 16	Freestone Pickle Co., The	Bangor	Pickles	13	1	14	.....
Oct. 15	Martindale, S. & Son	Bangor	Flour, feed and coal	1	.....	1	.....
Oct. 16	Municipal Light & Water Works	Bangor	Light and water	4	.....	4	.....
Oct. 15	Overton, Frank	Bangor	Coal	1	.....	1	.....
Oct. 16	Purity Bakery	Bangor	Baked goods	2	.....	2	.....
Oct. 16	Thomas, Roy	Bangor	Meats	2	.....	2	.....
Oct. 16	Trim, M. D. Co.	Bangor	Flour and feed	4	1	5	.....
Nov. 3	Van Buren County Telephone Co.	Bangor	Telephone service	1	4	5	.....
Oct. 15	Wolverine Barrel Co.	Bangor	Barrels	8	.....	8	.....
Oct. 24	Breedsville Roller Mills	Breedsville	Flour and feed	1	.....	1	.....
Oct. 30	Bloomingdale Granite Co.	Bloomingdale	Monuments	4	.....	4	.....
Oct. 30	Bloomingdale Leader	Bloomingdale	Printing	1	1	2	.....
Oct. 30	Bloomingdale Lumber Co.	Bloomingdale	Lumber and coal	3	.....	3	.....
Oct. 30	Bloomingdale Milling Co.	Bloomingdale	Flour and feed	4	.....	4	.....
Oct. 30	Bloomingdale Telephone Co.	Bloomingdale	Telephone service	2	2	4	.....
Oct. 30	Scamehorn Bros. Garage	Bloomingdale	Auto repairing	3	.....	3	.....
Oct. 30	Walker Creamery Co.	Bloomingdale	Dairy products	4	1	5	.....
Oct. 17	Covert Creamery Co.	Covert	Dairy products	1	.....	1	.....
Oct. 17	Shattuck, Karl	Covert	Auto repairing	1	.....	1	.....
Oct. 17	Spelman, J. R. & Co.	Covert	Flour, feed, etc.	13	3	16	.....
Nov. 5	Cass County Home Telephone Co.	Decatur	Telephone service	1	2	3	.....
Nov. 5	Decatur Creamery Co., The	Decatur	Dairy products	1	.....	1	.....
Nov. 5	Decatur Hoop & Lumber Co., The	Decatur	Lumber	11	.....	11	.....
Nov. 5	Decatur Light & Water Works	Decatur	Light and water	3	.....	3	.....
Nov. 5	Decatur Republican, The	Decatur	Printing	2	.....	2	.....
Nov. 5	Hinkley, M.	Decatur	Celery boxes	13	1	14	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	VAN BUREN CO.—*Con.*						
Nov. 5	Hirst, J. G.	Decatur	Lumber and coal	4	.....	4	.....
Nov. 5	Home Bakery, The	Decatur	Baked goods	2	1	3	.....
Nov. 5	McAdams, F. D.	Decatur	Feed	3	.....	3	.....
Nov. 5	Roberts, O. A.	Decatur	Meats	2	.....	2	.....
Nov. 5	Schpok, Sol	Decatur	Produce	11	1	12	.....
Nov. 5	Van Buren County Telephone Co.	Decatur	Telephone service	.....	3	3	.....
Nov. 5	Woolfe Auto Co., The	Decatur	Auto repairing	2	.....	2	.....
Oct. 29	Bradshaw, O. W.	Gobleville	Meats	2	.....	2	.....
Oct. 29	Clement, J. L. & Sons	Gobleville	Lumber	10	.....	10	.....
Oct. 29	Gobleville Farmers Cooperative Assn.	Gobleville	Feed	1	.....	1	.....
Oct. 29	Gobleville Creamery Co., The	Gobleville	Dairy products	3	1	4	.....
Oct. 30	Gobleville Farmers' Mutual Telephone Co.	Gobleville	Telephone service	2	2	4	.....
Oct. 29	Gobleville Garage	Gobleville	Auto repairing	2	.....	2	.....
Oct. 29	Gobleville Marble & Granite Works	Gobleville	Monuments	3	.....	3	.....
Oct. 29	Gobleville News, The	Gobleville	Printing	2	.....	2	.....
Oct. 30	Gobleville Water Works	Gobleville	Water	1	.....	1	.....
Oct. 29	Leeder, John	Gobleville	Produce and coal	4	.....	4	.....
Oct. 29	Newman & Bingham	Gobleville	Feed	1	.....	1	.....
Oct. 25	South Haven Preserving Co.	Gobleville	Canned goods	9	10	19	.....
Oct. 24	Davis, L. F.	Grand Junction	Coal, feed, etc.	3	.....	3	.....
Oct. 24	Anderson Bros.	Hartford	Light and power	3	.....	3	.....
Oct. 23	Carpp, S. M. Canning Co.	Hartford	Canned goods	15	21	36	.....
Oct. 23	Clark, W. J.	Hartford	Meats	2	.....	2	.....
Oct. 23	Dunbar, W. H.	Hartford	Meats	2	1	3	.....
Oct. 23	East End Garage, The	Hartford	Auto repairing	2	.....	2	.....
Oct. 23	Fitch, Maye & Co.	Hartford	Millinery	.....	1	1	.....
Oct. 23	Gifford, Guy	Hartford	Fruit packages	9	.....	9	.....
Oct. 24	Hartford City Water Works	Hartford	Water	1	.....	1	.....
Oct. 23	Hartford Creamery	Hartford	Dairy products	2	.....	2	.....
Oct. 23	Hartford Day Spring, The	Hartford	Printing	2	1	3	.....
Oct. 16	Hartford Fruit Growers' & Farmers' Exchange	Hartford	Fruits	20	17	37	.....
Oct. 23	Hartford Gleaners' Cooperative Elevator Co.	Hartford	Grain and produce	2	.....	2	.....
Oct. 23	Hartford Lumber Co.	Hartford	Lumber, etc.	2	.....	2	.....
Oct. 27	Hartford Mfg. Co.	Hartford	Novelties	3	.....	3	.....
Oct. 23	High & Thompson	Hartford	Grain and coal	2	.....	2	.....
Oct. 16	Keeny & Walker	Hartford	Flour and feed	2	.....	2	.....
Oct. 23	Leach, Clare Garage	Hartford	Auto repairing	3	1	4	.....
Oct. 23	Schultz, G. E.	Hartford	General repairing	2	.....	2	.....
Oct. 24	Smith, E. R.	Hartford	Lumber	2	.....	2	.....
Oct. 23	Smith, O. M.	Hartford	Cider	8	.....	8	.....
Oct. 17	Traver, Wm. M.	Hartford	Canned goods	15	37	52	.....
Oct. 23	Van Buren County Telephone Co.	Hartford	Telephone service	1	4	5	.....
Oct. 11	Walker, L. P.	Hartford	Lumber	8	.....	8	.....
Oct. 16	Walker, L. P.	Hartford	Barrel headings	10	.....	10	.....
Oct. 16	Walker, L. P.	Hartford	Barrels	4	.....	4	.....
Oct. 23	Wheaton Bakery	Hartford	Baked goods	2	1	3	.....
Oct. 25	Lacota Cider, Vinegar & Pickle Co.	Lacota	Cider, vinegar & pickles	7	2	9	.....
Nov. 2	Lawrence Creamery Co.	Lawrence	Dairy products	2	.....	2	.....
Nov. 2	Lawrence Elevator Co.	Lawrence	Produce and coal	3	.....	3	.....
Nov. 2	Lawrence United Telephone Co.	Lawrence	Telephone service	2	2	4	.....
Nov. 2	Lawrence Roller Mills	Lawrence	Flour and feed	3	.....	3	.....
Nov. 2	Lawrence Times, The	Lawrence	Printing	2	1	3	.....
Nov. 2	Welcher, H. A.	Lawrence	Auto repairing	4	.....	4	.....
Nov. 1	Beam, E. & Son	Lawton	Flour and feed	4	.....	4	.....
Nov. 1	Hungerford, J. Smith Grape Juice Co.	Lawton	Grape juice	53	5	58	.....
Nov. 1	Lambert & Co.	Lawton	Lumber and coal	2	.....	2	.....
Nov. 1	Lawton Auto Sales Co.	Lawton	Auto repairing	2	.....	2	.....
Nov. 1	Lawton Leader, The	Lawton	Printing	2	.....	2	.....
Nov. 1	Lawton Light & Water Works	Lawton	Light and water	2	.....	2	.....
Nov. 1	Packer & Giddings	Lawton	Auto repairing	5	1	6	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	VAN BUREN CO.—*Con.*						
Nov. 3	Armour & Co.	Mattawan	Grape juice	78	2	80	.....
Oct. 30	Todd, A. M. Co.	Mentha	Oils	68	1	69	.....
Nov. 2	Briggs & Co.	Paw Paw	Flour and feed	3	.....	3	.....
Nov. 2	De Luxe Garage	Paw Paw	Auto repairing	2	.....	2	.....
Nov. 1	Dunbar, H. J.	Paw Paw	Plumbing	3	.....	3	.....
Nov. 8	Engel Baking Co.	Paw Paw	Baked goods	4	2	6	.....
Oct. 31	Free & Mutchler Lumber Co.	Paw Paw	Lumber and coal	9	.....	9	.....
Oct. 31	Free Press & Courier	Paw Paw	Printing	2	.....	2	.....
Nov. 1	Griffith, L. E.	Paw Paw	Cigars	2	.....	2	.....
Oct. 31	Kalamazoo, Lake Shore & Chicago Ry. Co.	Paw Paw	Repairing	13	.....	13	.....
Nov. 1	Model Bakery, The	Paw Paw	Meats	2	.....	2	.....
Nov. 2	Paw Paw Creamery	Paw Paw	Dairy products	2	.....	2	.....
Nov. 2	Paw Paw Garage	Paw Paw	Auto repairing	3	.....	3	.....
Oct. 31	Paw Paw Grape Juice Co., Ltd.	Paw Paw	Grape juice	14	1	15	.....
Oct. 31	Paw Paw Light & Power Co.	Paw Paw	Light	3	.....	3	.....
Oct. 31	Paw Paw Monumental Works	Paw Paw	Monuments	2	.....	2	.....
Nov. 1	Paw Paw Roller Mills	Paw Paw	Flour and feed	2	.....	2	.....
Oct. 31	Paw Paw Water Works	Paw Paw	Water	2	.....	2	.....
Nov. 1	True Northerner, The	Paw Paw	Printing	3	1	4	.....
Nov. 3	Van Buren County Telephone Co.	Paw Paw	Telephone service	1	6	7	.....
Nov. 1	Warner, W. J.	Paw Paw	Meats	5	.....	5	.....
Oct. 26	Barrett & Barrett	South Haven	Cider and pickles	4	.....	4	.....
Oct. 26	Board of Public Works	South Haven	Light and water	12	1	13	.....
Oct. 26	Brown, F. H. & Co.	South Haven	Cigars	5	.....	5	.....
Oct. 26	Burge & Burge	South Haven	Baked goods	4	1	5	.....
Oct. 25	Cable-Nelson Piano Co.	South Haven	Pianos	213	1	214	4
Oct. 25	Casavant Bros.	South Haven	Pipe organs	27	4	31	.....
Oct. 26	Durkee, John E.	South Haven	Baked goods	6	.....	6	.....
Oct. 26	Ford Service Station	South Haven	Auto repairing	6	1	7	.....
Oct. 26	Funk & Merrifield	South Haven	Fuel and feed	3	.....	3	.....
Oct. 26	Griffin, H. M.	South Haven	Auto repairing	3	.....	3	.....
Oct. 26	Henry, Frank J.	South Haven	Baked goods	1	1	2	.....
Oct. 25	Ingraham Sanitary Milk Co.	South Haven	Dairy products	2	.....	2	.....
Oct. 26	Klock & Sherwood	South Haven	Cigars	3	.....	3	.....
Oct. 26	Krause, Roy	South Haven	Cigars	1	1	2	.....
Oct. 26	Mapes, E. B.	South Haven	Machine repairing	1	.....	1	.....
Oct. 25	Marshall Castings Co.	South Haven	Castings	103	.....	103	.....
Oct. 26	Miller, John C.	South Haven	Plumbing	2	.....	2	.....
Oct. 26	Mitchell Bros.	South Haven	Meats	4	.....	4	.....
Oct. 24	Niffenegger Bros.	South Haven	Meats	6	1	7	.....
Oct. 26	Niffenegger, J.	South Haven	Coal and ice	8	1	9	.....
Oct. 26	Noud, John F. Co.	South Haven	Lumber and coal	5	1	6	.....
Oct. 24	Overton, S. E. Co.	South Haven	Wood specialties	84	2	86	6
Oct. 26	Pekie & Hemenway	South Haven	Printing	2	.....	2	.....
Oct. 25	Pierce-Williams Co., The	South Haven	Fruit packages	53	15	68	.....
Oct. 25	South Haven Chemical Co., The	South Haven	Chemicals	10	.....	10	.....
Oct. 26	South Haven Creamery Co.	South Haven	Dairy products	3	.....	3	.....
Oct. 26	South Haven Gas Co.	South Haven	Gas	6	1	7	.....
Oct. 26	South Haven Laundry Co.	South Haven	Laundry	6	21	27	.....
Oct. 25	South Haven Preserving Co.	South Haven	Canned goods	27	33	60	.....
Oct. 25	Stephens, J. S.	South Haven	Barrels	5	.....	5	.....
Oct. 26	Tribune Co., The	South Haven	Printing	4	3	7	.....
Oct. 24	Van Buren County Telephone Co.	South Haven	Telephone service	4	12	16	.....
Oct. 28	Winkel & Son	South Haven	Lumber	2	.....	2	.....
	WASHTENAW COUNTY.						
Aug. 17	Anderson's Bon Ton Cash Market	Ann Arbor	Meats	2	.....	2	.....
Aug. 23	Andres, S. C.	Ann Arbor	Plumbing	11	.....	11	.....
Sept. 1	Ann Arbor Abattoir Co.	Ann Arbor	Meats	4	.....	4	.....
Sept. 14	Ann Arbor Battery Shop	Ann Arbor	Repairing batteries	2	.....	2	.....
Aug. 10	Ann Arbor Creamery	Ann Arbor	Dairy products	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WASHTENAW CO.—*Con.*						
Aug. 14	Ann Arbor Fish Market	Ann Arbor	Fish	4	.....	4	.....
Sept. 5	Ann Arbor Fluff Rug Co	Ann Arbor	Rugs	6	1	7	.....
Aug. 30	Ann-a Fuel Co	Ann Arbor	Coal	2	1	3	.....
Aug. 14	Ann Arbor Garage	Ann Arbor	Auto repairing and sales	15	.....	15	.....
Aug. 17	Ann Arbor Home Bakery	Ann Arbor	Baked goods	13	1	14	.....
Aug. 24	Ann Arbor Machine Co	Ann Arbor	Hay presses and silos	114	1	115	.....
Sept. 7	Ann Arbor Press, The	Ann Arbor	Printing	19	8	27	1
Aug. 24	Ann Arbor Scrap Iron & Metal Co	Ann Arbor	Metal goods	56	.....	56	2
Aug. 10	Ann Arbor Steam Dye Works	Ann Arbor	Cleaning and dyeing	3	3	6	.....
Aug. 9	Ann Arbor Taxi & Transfer Co	Ann Arbor	Taxi service	7	1	8	1
Aug. 31	Ann Arbor Taxicab & Transfer Co	Ann Arbor	Taxi and transfer	16	1	17	.....
Aug. 24	Ann Arbor Water Works Dept	Ann Arbor	Water	23	1	24	.....
Aug. 8	Armbruster, Walter W	Ann Arbor	Shoe repairing	2	.....	2	.....
Aug. 15	Artificial Ice Co	Ann Arbor	Ice and coal	21	1	22	.....
Aug. 9	Athens Press, The	Ann Arbor	Job printing	1	1	2	.....
Aug. 8	Buell, Mrs. A	Ann Arbor	Millinery	.....	4	4	.....
Sept. 1	Buick Service Station	Ann Arbor	Auto repairing	8	1	9	.....
Aug. 8	Cadillac Garage	Ann Arbor	Auto repairing	5	.....	5	.....
Aug. 8	Central Market, The	Ann Arbor	Meats	3	.....	3	.....
July 27	Century Market	Ann Arbor	Meats	2	.....	2	.....
Aug. 14	Chevrolet Garage	Ann Arbor	Auto repairing	5	.....	5	.....
Aug. 23	City Bakery, The	Ann Arbor	Baked goods	10	4	14	.....
July 27	City Dry Cleaner Co	Ann Arbor	Cleaning and pressing	1	.....	1	.....
Aug. 23	City Laundry	Ann Arbor	Laundry	2	3	5	.....
Sept. 6	Cornell, C. W	Ann Arbor	Blacksmithing	3	.....	3	.....
Aug. 24	Cornwell, Frank I	Ann Arbor	Coal	6	1	7	.....
Sept. 1	Detroit Edison Co., The	Ann Arbor	Power	13	8	21	.....
Sept. 1	Detroit Edison Co., The	Ann Arbor	Power	31	.....	31	.....
Aug. 24	Economy Baler Co	Ann Arbor	Paper balers	78	3	81	.....
Aug. 8	Eitung, Geo. J	Ann Arbor	Furnaces, etc	2	1	3	.....
Aug. 24	Elwell Trolley Supply Co	Ann Arbor	Brass goods	9	.....	9	.....
Aug. 23	Eschelbach, Jacob	Ann Arbor	Meats	3	.....	3	.....
Sept. 7	Finkbeiner, Michael F	Ann Arbor	Blacksmithing	1	.....	1	.....
July 27	Gfell & Langworthy	Ann Arbor	Meats	3	1	4	.....
Aug. 31	Gill, C. W. Lumber Co	Ann Arbor	Lumber	4	.....	4	.....
Aug. 23	Godfrey, C. E	Ann Arbor	Storage and cartage	23	.....	23	.....
Sept. 7	Gols & Basom	Ann Arbor	Monuments	3	.....	3	.....
Sept. 6	Hammond Beef Co	Ann Arbor	Meats	6	1	7	.....
Aug. 31	Heck, C. H. & Son	Ann Arbor	Coal, coke and wood	3	.....	3	.....
Sept. 1	Hiscock, E. D. & Son	Ann Arbor	Coal	3	1	4	.....
Aug. 23	Hochrein & Co	Ann Arbor	Plumbing	5	.....	5	.....
Aug. 10	Hoelyh & Feldkamp	Ann Arbor	Meats	4	1	5	.....
Aug. 23	Home Laundry	Ann Arbor	Laundry	2	4	6	.....
Aug. 15	Hoover Steel Ball Co	Ann Arbor	Steel balls	750	144	894	.....
July 28	Hutsel & Co	Ann Arbor	Plumbing	11	1	12	.....
Aug. 10	Kay, E. N	Ann Arbor	Shoe repairing	2	.....	2	.....
Aug. 15	King Trailer Co	Ann Arbor	Trailers	13	2	15	.....
Aug. 9	Kollauf, J. M	Ann Arbor	Custom clothing	1	.....	1	.....
Aug. 23	Lindemann, Wm	Ann Arbor	Meats	4	1	5	1
Aug. 16	Livernois, J. J	Ann Arbor	Meats	7	1	8	2
Aug. 23	Luick Bros. & Co	Ann Arbor	Lumber	23	.....	23	2
Aug. 23	Machine Specialty Co., The	Ann Arbor	Machinery	9	.....	9	1
Aug. 25	Michigan Furniture Co	Ann Arbor	Furniture	56	.....	56	2
Sept. 1	Michigan Milling Co	Ann Arbor	Flour and feed	9	1	10	.....
Aug. 25	Michigan Milling Co	Ann Arbor	Flour and feed	14	3	17	.....
Sept. 8	Michigan State Telephone Co	Ann Arbor	Telephone service	17	80	97	2
Aug. 8	Michigan Tire & Supply Co	Ann Arbor	Tire repairing	4	1	5	1
Aug. 25	Michigan Union Brewing Co	Ann Arbor	Beer	14	.....	14	.....
Aug. 31	Millard, Sid. W	Ann Arbor	Job printing	3	1	4	.....
Aug. 23	Modder, E. C	Ann Arbor	Baked goods	2	1	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WASHTENAW CO.—*Con.*						
Aug. 9	Moe Laundry	Ann Arbor	Laundry	1	6	7	.....
Aug. 15	Motor Products Corporation	Ann Arbor	Windshields	390	6	396	2
Aug. 31	Newton & Haggerty Ladder Co., The	Ann Arbor	Ladders	28	.....	28	2
Aug. 24	One Man Tractor Co	Ann Arbor	Experimental work	3	.....	3	.....
Sept. 6	Overland Garage Co	Ann Arbor	Auto repairing	8	1	9	.....
July 27	Perkins & Gross	Ann Arbor	Auto repairing	4	1	5	.....
Aug. 15	Porter Mfg. Co., Inc., The	Ann Arbor	Auto bodies	43	1	44	3
Aug. 8	Quality Bakery	Ann Arbor	Baked goods	1	1	2	.....
Aug. 8	Rice, Fred H	Ann Arbor	Shoe repairing	2	.....	2	.....
Aug. 31	Richardson, Dana	Ann Arbor	Millinery	.....	3	3	.....
Aug. 23	Rohde, Wm. H. L	Ann Arbor	Coal, wood, etc	5	1	6	.....
Aug. 25	Rompotis, Harry	Ann Arbor	Tailoring	2	.....	2	.....
Aug. 31	Sauer, C. A. Co., The	Ann Arbor	Lumber, etc	47	.....	47	.....
Aug. 25	Sauer, Jno. J	Ann Arbor	Lumber and coal	5	.....	5	.....
Aug. 10	Schneider, C. L	Ann Arbor	Plumbing	4	1	5	.....
Aug. 16	Schneider, Wm. R	Ann Arbor	Plumbing	1	.....	1	.....
Aug. 8	Schumacher & Backhaus	Ann Arbor	Plumbing	14	1	15	.....
July 27	Schumann-Hotsel Bakery	Ann Arbor	Baked goods	6	2	8	.....
Aug. 31	Seeger, Robt. A	Ann Arbor	Meats	3	.....	3	.....
Sept. 6	Seybold & Co	Ann Arbor	Blacksmithing	3	.....	3	.....
Sept. 14	Sharpe, Geo	Ann Arbor	Meats	2	.....	2	.....
Aug. 8	Smith Tire & Repair Co	Ann Arbor	Repairing tires	4	1	5	.....
Aug. 31	Staeb Bakery, The	Ann Arbor	Baked goods	7	1	8	.....
Sept. 6	Staebler & Son	Ann Arbor	Coal, coke and wood	6	1	7	.....
Sept. 7	Staebler & Sons	Ann Arbor	Auto repairing	6	1	7	.....
Sept. 6	Stark & Friedman	Ann Arbor	Auto repairing	5	.....	5	.....
Sept. 7	Stewart Garment Co., The	Ann Arbor	Garments	3	13	16	.....
Aug. 24	Times News Co., The	Ann Arbor	Printing	18	5	23	.....
Sept. 6	Vols, John	Ann Arbor	Blacksmithing	3	.....	3	.....
Aug. 31	Vogel, Wm. D	Ann Arbor	Meats	3	.....	3	.....
Aug. 23	Varsity Laundry Co., The	Ann Arbor	Laundry	15	42	57	.....
Aug. 31	Walker & Co	Ann Arbor	Wagon repairing	6	.....	6	.....
Aug. 16	Washington Bakery	Ann Arbor	Baked goods	4	2	6	.....
Aug. 10	Washtenaw Electric Co	Ann Arbor	Electric contracting	17	.....	17	.....
Sept. 1	Washtenaw Gas Co	Ann Arbor	Gas	65	1	66	.....
Sept. 6	Washtenaw Lumber Co	Ann Arbor	Lumber	4	.....	4	.....
Aug. 23	Washtenaw Post	Ann Arbor	Printing	5	.....	5	1
Aug. 16	Weinmann-Geisendorfer Co	Ann Arbor	Meats	19	2	21	6
Aug. 17	White Bakery, The	Ann Arbor	Baked goods	3	1	4	.....
Aug. 23	White Swan Laundry Co	Ann Arbor	Laundry	9	26	35	2
Aug. 16	Wiedman & Co	Ann Arbor	Bicycle repairing	2	.....	2	1
Sept. 7	Wild, G. H. Co	Ann Arbor	Tailoring	5	.....	5	.....
Aug. 23	Wurster Bros	Ann Arbor	Dairy products	11	.....	11	.....
Aug. 23	Wurster, E. M	Ann Arbor	Blacksmithing	3	.....	3	.....
Aug. 14	Zachmann & Arnet	Ann Arbor	Monuments	2	.....	2	.....
Aug. 30	Yuen, Lee Hing	Ann Arbor	Laundry	2	.....	2	.....
July 13	Bridgewater Garage	Bridgewater	Auto repairing	2	.....	2	.....
Aug. 29	Bacon, William-Holmes Co	Chelsea	Coal, grain, flour, etc	7	1	8	.....
Aug. 29	Chelsea Electric Light & Water Works	Chelsea	Light and water	6	1	7	.....
Aug. 30	Chelsea Elevator Co	Chelsea	Coal, grain, etc	4	.....	4	.....
Aug. 29	Chelsea Home Bakery	Chelsea	Baked goods	1	1	2	.....
Aug. 30	Chelsea Screw Co	Chelsea	Screws	30	.....	30	.....
Aug. 29	Chelsea Standard, The	Chelsea	Printing	3	.....	3	.....
Aug. 30	Chelsea Steam Laundry	Chelsea	Laundry	1	4	5	.....
Aug. 29	Chelsea Tribune, The	Chelsea	Printing	2	1	3	.....
Aug. 29	Crescent Garage	Chelsea	Auto repairing	2	.....	2	.....
Aug. 29	Eppler, Adam	Chelsea	Meats	2	.....	2	.....
Aug. 30	Faist, A. G	Chelsea	Repairing	2	.....	2	.....
Aug. 30	Hirth & Wheeler	Chelsea	Blacksmithing	2	.....	2	.....
Aug. 29	Klingler, Fred C	Chelsea	Meats	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WASHTENAW CO.—*Con.*						
Aug. 29	Lewis Spring & Axle Co., The	Chelsea	Automobiles	253	8	261	.....
Aug. 30	Michigan Portland Cement Co	Chelsea	Cement	163	1	164	1
Aug. 30	Overland Garage	Chelsea	Auto repairing	5	.....	5	1
Aug. 30	Palmer's Garage	Chelsea	Auto repairing	6	.....	6	.....
Aug. 28	Blanchard, Harvey R	Dexter	Auto repairing	3	.....	3	.....
Aug. 28	Chaffee & Schnebelt	Dexter	Baked goods	2	1	3	.....
Aug. 28	Dexter Milling Co., The	Dexter	Flour and feed	2	.....	2	.....
Aug. 28	Drew, A	Dexter	Blacksmithing	2	.....	2	.....
Aug. 28	Hoey, D. E. & Son	Dexter	Lumber, coal, etc	6	.....	6	.....
Aug. 28	Steeb, Frank	Dexter	Meats	3	.....	3	.....
July 11	Bowler, J. E	Manchester	Meats	2	.....	2	.....
July 12	Cash, Wm	Manchester	Blacksmithing	3	.....	3	.....
July 13	Huber Garage	Manchester	Auto repairing	4	.....	4	.....
July 13	Kiebler, A. M	Manchester	Meats	3	.....	3	.....
July 12	Kuebler, L. A. & Sons	Manchester	Plumbing	3	.....	3	.....
July 13	Lonier & Hoffer	Manchester	Flour and feed	5	.....	5	.....
July 13	Manchester Auto Co	Manchester	Auto repairing	2	1	3	.....
July 13	Manchester Creamery Co	Manchester	Dairy products	3	1	4	.....
July 13	Manchester Handle Co	Manchester	Handles	10	1	11	.....
July 7	Auten-Camburn Grain Co	Milan	Grain and feed	1	.....	1	.....
July 6	Barnes, C. H	Milan	Meats	3	.....	3	.....
July 6	Bassett & Co	Milan	Confectionery	1	1	2	.....
July 6	Bassett & Co	Milan	Confectionery	5	.....	5	.....
July 6	Bell, Wm. H	Milan	Meats	2	.....	2	.....
July 6	Ideal Furnace Co	Milan	Furnaces	180	3	183	.....
July 6	Johnston, P. T. & Son	Milan	Lumber and coal	3	1	4	.....
July 6	Jordan, J. O	Milan	Baked goods	2	1	3	.....
July 6	Lamkin-Allen Co., The	Milan	Lumber, grain, etc	10	1	11	.....
July 7	Milan Laundry, The	Milan	Laundry	2	1	3	.....
July 7	Milan Leader, The	Milan	Printing	1	2	3	.....
July 6	Palmer & Clark	Milan	Millinery	.....	2	2	.....
July 17	Schmenk, A. C	Milan	Produce	3	.....	3	1
July 14	Armbruster, W. W	Saline	Shoe repairing	1	.....	1	.....
July 14	Bracey, G. F. & Co	Saline	Handles	12	.....	12	.....
July 14	Cool Bros. Grain Co	Saline	Grain and coal	1	.....	1	.....
July 14	Ford, F. D	Saline	Lumber	4	.....	4	.....
July 14	Saline Garage	Saline	Auto repairing	2	.....	2	.....
July 14	Saline Telephone Co	Saline	Telephone service	3	4	7	.....
July 14	Schmid & Schleh	Saline	Meats	2	.....	2	.....
July 14	Schnebelt, Carl J	Saline	Baked goods	2	1	3	.....
July 13	Uphouse, Ben Garage	Saline	Auto repairing	2	.....	2	.....
July 16	Alban & Augustus	Ypsilanti	Meats	5	1	6	.....
Aug. 20	Arnet Bros	Ypsilanti	Tailoring	3	.....	3	.....
July 18	Boatwright, A. J. & Co	Ypsilanti	Implements	3	.....	3	.....
Aug. 22	Burrell, A. J. & Sons	Ypsilanti	Monuments	3	.....	3	.....
July 18	Clark, Jas	Ypsilanti	Baked goods	10	3	13	.....
Aug. 21	Detroit, Jackson & Chicago Ry	Ypsilanti	Car repairing	18	.....	18	.....
Aug. 22	Dolson, E. B	Ypsilanti	Auto repairing	3	.....	3	.....
July 18	Hankinson, O. A. & Co	Ypsilanti	Plumbing, etc	14	.....	14	.....
Aug. 21	Hoch Brewing Co	Ypsilanti	Beer	7	1	8	.....
July 17	Howard, H. C	Ypsilanti	Meats	3	.....	3	.....
Aug. 22	Hughes, J. T	Ypsilanti	Plumbing, etc	3	1	4	.....
July 20	Lewis-Geer Mfg. Co	Ypsilanti	Toys	27	4	31	5
July 21	McCullough, W. L. Co	Ypsilanti	Machinery	20	1	21	.....
July 19	Martin Dawson Co	Ypsilanti	Flour and feed	2	.....	2	.....
Aug. 21	Michigan Crown Fender Co	Ypsilanti	Sheet metal parts	97	.....	97	.....
July 20	Michigan Ladder Co	Ypsilanti	Ladders	24	1	25	.....
July 21	Michigan Press Co	Ypsilanti	Punch presses	13	.....	13	1
Aug. 22	Moorman, B. G. & Son	Ypsilanti	Flour, feed and hay	2	1	3	.....
July 20	Oak Knitting Co	Ypsilanti	Underwear	32	114	146	12

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WASHTENAW CO.—*Con.*						
Aug. 21	Peninsular Paper Co.	Ypsilanti	Paper	123	23	146	6
July 17	Schafarik & Kirk	Ypsilanti	Meats	5	.....	5	.....
Aug. 21	Schaible, T. E. Garage	Ypsilanti	Auto repairing	8	.....	8	1
Aug. 21	Schrader Motor Sales Co.	Ypsilanti	Auto repairing	5	1	6	.....
Aug. 21	Scovill, H. R. Co.	Ypsilanti	Lumber	6	.....	6	.....
July 18	Sheet Metal Works	Ypsilanti	Sheet metal	1	.....	1	.....
July 17	Shipman, L. E. & Co.	Ypsilanti	Millinery	.....	3	3	.....
July 16	Simpson, M. & E.	Ypsilanti	Millinery	.....	7	7	.....
July 19	Sinhul, M.	Ypsilanti	Meats	5	.....	5	.....
Aug. 20	Smith Bros. Co.	Ypsilanti	Blacksmithing	6	.....	6	.....
July 18	Smith, F. M.	Ypsilanti	Shoe repairing	2	.....	2	.....
Aug. 22	Standard Printing Co.	Ypsilanti	Printing	3	1	4	.....
July 19	Standard Steel Products Co.	Ypsilanti	Steel forgings	8	1	9	.....
July 16	Strong, Geo. E.	Ypsilanti	Shoe repairing	3	1	4	.....
July 19	Thompson, O. E. & Sons	Ypsilanti	Implements	12	.....	12	.....
July 19	Thompson, O. E. & Sons	Ypsilanti	Coal	3	.....	3	.....
Aug. 22	U. S. Pressed Steel Co.	Ypsilanti	Implements	83	2	85	6
July 16	Washtenaw Electric Shop	Ypsilanti	Electric wiring	3	1	4	.....
Aug. 21	Westfield & Fall River Lumber Co.	Ypsilanti	Lumber	7	.....	7	.....
Aug. 22	Whitman, F.	Ypsilanti	Machine repairing	1	.....	1	.....
Aug. 22	Ypsilanti Dairy Association, The	Ypsilanti	Dairy products	5	.....	5	.....
July 18	Ypsilanti Garage	Ypsilanti	Auto repairing	3	.....	3	1
Aug. 22	Ypsilanti Gas Dept.	Ypsilanti	Gas	19	1	20	.....
July 19	Ypsilanti Grain & Elevator Co.	Ypsilanti	Flour and feed	3	1	4	.....
July 20	Ypsilanti Hay Press Co.	Ypsilanti	Hay presses	10	1	11	.....
July 18	Ypsilanti Hide & Leather Co.	Ypsilanti	Leather	1	.....	1	.....
July 19	Ypsilanti Indian Shoe Co.	Ypsilanti	Moccasins	3	16	19	2
Aug. 22	Ypsilanti Laundry Co.	Ypsilanti	Laundry	3	9	12	.....
Aug. 22	Ypsilanti Machine Works	Ypsilanti	Machinery	8	.....	8	.....
July 18	Ypsilanti Press, The	Ypsilanti	Printing	9	3	12	2
Aug. 21	Ypsilanti Pure Milk Co.	Ypsilanti	Dairy products	4	.....	4	.....
July 18	Ypsilanti Record Publishing Co.	Ypsilanti	Printing	6	1	7	1
Aug. 22	Ypsi Screw Co.	Ypsilanti	Screws	3	1	4	.....
July 18	Ypsilanti Vulcanizing Co.	Ypsilanti	Vulcanizing	6	1	7	.....
Aug. 22	Ypsilanti Water Works	Ypsilanti	Water	12	1	13	.....
	WAYNE COUNTY.						
Sept. 20	Alban Lumber Co.	Belleville	Lumber	4	.....	4	.....
Sept. 20	Belleville Milling Co.	Belleville	Grain and flour	5	.....	5	.....
Sept. 20	Detroit Creamery Co.	Belleville	Dairy products	2	.....	2	.....
Nov. 8	Arndt, Emil	Dearborn	Meats	2	.....	2	.....
Nov. 8	Dearborn Hardware Co.	Dearborn	Hardware	3	.....	3	.....
Nov. 8	Ford, Henry & Son, Inc.	Dearborn	Tractors	935	.....	935	.....
Nov. 8	Huron Motor Car Co.	Dearborn	Automobiles	7	.....	7	.....
Nov. 8	Lapham, S. D. & Co., Inc.	Dearborn	Builders' supplies	21	.....	21	.....
Nov. 8	Twork Bros.	Dearborn	Blacksmithing	3	.....	3	.....
Nov. 8	Wallace, M. B.	Dearborn	Lumber	3	.....	3	.....
Sept. 11	Michigan Central R. R. Co.	Delray	Freight	41	.....	41	.....
Nov. 7	Abbey-Scherer Co., The	Detroit	Wire and iron	13	.....	13	.....
April 16	A B C Starter Co.	Detroit	Auto starters	52	5	57	.....
Nov. 17	Acason Motor Truck Co.	Detroit	Trucks	75	4	79	.....
Oct. 9	Accessory Forgings Co.	Detroit	Forgings	44	.....	44	.....
May 11	Ackerman Bros.	Detroit	Auto repairing	5	1	6	.....
Dec. 4	Ackerson, R. J. Electric Garage, The	Detroit	Auto repairing	10	.....	10	.....
Nov. 9	Acme Boiler Works	Detroit	Boilers	13	.....	13	.....
May 18	Acme Chemical Co., The	Detroit	Chemicals	2	.....	2	.....
Oct. 26	Acme Cut Stone Co.	Detroit	Stone	7	.....	7	.....
Jan. 7	Acme Fancy Wire Works	Detroit	Wire work	6	1	7	.....
June 6	Acme Foundry Co.	Detroit	Castings	88	2	90	.....
Sept. 28	Acme Garage	Detroit	Auto repairing	4	.....	4	.....
Sept. 4	Acme Lumber Co.	Detroit	Lumber	12	1	13	.....
Oct. 18	Acme Mfg. Co.	Detroit	Dies and tools	10	.....	10	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
April 16	Acme Mill Ends Co	Detroit	Cotton goods	3	4	7	.....
June 20	Acme Pattern Works	Detroit	Patterns	131	1	132	1
June 13	Acme Plating & Specialty Mfg. Co	Detroit	Plating and polishing	4	.....	4	.....
May 28	Acme Stamp Co	Detroit	Steel stamps	3	.....	3	.....
Oct. 25	Acme Storage Co	Detroit	Storage	3	.....	3	.....
Dec. 26	Acme White Lead & Color Works	Detroit	Paint and varnish	17	5	22	.....
Jan. 7	Adam, William A	Detroit	Plumbing	24	.....	24	.....
May 21	Adams, W. R. & Co	Detroit	Job printing	4	.....	4	.....
Dec. 20	Advance Electric Co	Detroit	Electric wiring	3	.....	3	.....
May 3	Advance Machine Co	Detroit	Machine repairing	42	1	43	.....
Mar. 21	Advance Pattern Works	Detroit	Patterns	10	.....	10	.....
Jan. 9	Advance Printing Co	Detroit	Printing	4	.....	4	.....
Aug. 22	Adzit Electrotype Co	Detroit	Electrotyping	16	1	17	.....
Aug. 28	Aetna Chemical Co	Detroit	Toilet articles	1	4	5	.....
April 10	Aikman Bakery Co	Detroit	Baked goods	10	.....	10	.....
June 7	Ainger Printing Co	Detroit	Job printing	4	.....	4	.....
April 20	Ainsworth Mfg. Co	Detroit	Wind shields	86	1	87	.....
Sept. 6	Ajax Brick Co	Detroit	Brick	37	.....	37	3
June 8	Ajax Pattern Works	Detroit	Patterns	9	.....	9	.....
Oct. 26	Alberta Cigar Co	Detroit	Cigars	2	20	22	.....
Nov. 7	Albion Glove & Mfg. Co	Detroit	Gloves	7	32	39	.....
Aug. 7	Alexander, E. M	Detroit	Sheet metal	8	.....	8	1
Dec. 3	Alice Shop, The	Detroit	Dressmaking	.....	7	7	.....
Dec. 3	Alkon Garage & Auto Sales	Detroit	Auto repairing	4	.....	4	.....
July 21	Allan Bros	Detroit	Lumber	11	2	13	1
May 11	Allan Coal & Lumber Co	Detroit	Lumber and coal	33	2	35	.....
Nov. 26	Allen, Mark W. & Co	Detroit	Toilet articles	5	6	11	.....
May 14	Allen, Wm. H. & Co	Detroit	Garments	15	1	16	.....
Aug. 9	Alliance Brass Foundry Co., The	Detroit	Plumbers' supplies	34	11	45	8
May 25	Alloy Die Casting Co., The	Detroit	Castings	18	.....	18	.....
Sept. 25	Aluminum Casting Co	Detroit	Castings	860	30	890	4
Dec. 28	Aluminum Castings Co	Detroit	Castings	63	17	80	3
Sept. 13	American Agricultural Chemical Co., The	Detroit	Fertilizers, glue, etc	295	33	328	.....
Nov. 21	American Art Glass Co	Detroit	Art glass	12	1	13	.....
Aug. 14	American Auto Trimming Co	Detroit	Auto body painting, etc	685	156	841	.....
April 24	American Ball Valve & Mfg. Co	Detroit	Machine repairing	12	.....	12	.....
Oct. 12	American Blower Co	Detroit	Heating apparatus, etc	516	50	566	83
April 6	American Boiler & Sheet Iron Works	Detroit	Boilers	37	1	38	.....
Nov. 22	American Boy, The	Detroit	Printed matter	13	50	63	.....
June 13	American Boy Pant Co	Detroit	Pants	8	12	20	.....
Oct. 11	American Brass & Iron Co	Detroit	Brass goods	49	.....	49	4
June 11	American Brewing Co	Detroit	Beer	44	2	46	.....
June 18	American Bridge Co	Detroit	Structural steel	185	.....	185	1
April 9	American Butter & Cheese Co	Detroit	Dairy products	27	2	29	2
Oct. 11	American Car & Foundry Co	Detroit	Cars	2,002	16	2,018	.....
Aug. 3	American Car & Foundry Co	Detroit	Rolling steel	375	.....	375	2
Aug. 29	American Carriage & Wagon Works	Detroit	Wagon repairing	16	1	17	.....
Sept. 7	American Cartage Co	Detroit	Trucking	14	1	15	1
Sept. 13	American Cigar Co	Detroit	Cigars	15	267	282	.....
Aug. 10	American Commercial Car Co	Detroit	Delivery cars	28	1	29	.....
Oct. 10	American Die Works	Detroit	Dies	12	.....	12	.....
Jan. 8	American Electric Co	Detroit	General electric work	14	2	16	.....
July 7	American Electric Heater Co	Detroit	Heaters	178	80	258	3
Nov. 28	American Garment Cleaning Co	Detroit	Cleaning, etc	2	1	3	.....
June 8	American House of Letters	Detroit	Typewritten letters	3	1	4	.....
Oct. 15	American Injector Co	Detroit	Brass goods	92	3	95	3
Nov. 15	American Lady Corset Co	Detroit	Corsets	121	529	650	5
May 7	American Lubricator Co	Detroit	Brass goods	76	4	80	2
Dec. 4	American Motor Sales Co	Detroit	Auto repairing	9	.....	9	.....
June 8	American Motor Truck Co	Detroit	Auto trucks	8	1	9	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Aug. 8	American Paper Stock Co., The	Detroit	Wiping cloths	6	2	8	.....
July 12	American Plumbing Mfg. Co	Detroit	Plumbers' supplies	3	.....	3	.....
April 10	American Press Association	Detroit	Sterotype plates	8	2	10	.....
Oct. 24	American Pressweld Radiator Corp	Detroit	Radiators	32	36	68	1
Nov. 22	American Printing Co	Detroit	Job printing	67	9	76	.....
Oct. 10	American Radiator Co	Detroit	Radiators	529	3	532	.....
Oct. 4	American Roofing Co	Detroit	Roofing	14	.....	14	.....
July 11	American Seed Co	Detroit	Seeds	17	24	41	.....
Dec. 5	American Service Co	Detroit	Auto repairing	11	.....	11	.....
July 25	American Showcase & Mfg. Co	Detroit	Showcases	28	.....	28	.....
Oct. 18	American Smelting Works	Detroit	Smelting	7	.....	7	.....
Nov. 20	American Still Alarm	Detroit	Electric service	22	26	48	.....
May 29	American Tap-Bush Co	Detroit	Beer taps	12	.....	12	.....
May 24	American Tool & Die Mfg. Co., The	Detroit	Tools and dies	9	1	10	.....
June 11	American Typograph Co	Detroit	Typographs	10	3	13	.....
Aug. 6	Amos, Chas. & Co., Inc	Detroit	Structural steel	8	1	9	.....
Oct. 23	Anderson Electric Car Co	Detroit	Electric autos	750	26	776	18
July 23	Anderson Forge & Machine Co	Detroit	Machinery	340	5	345	4
Jan. 3	Anderson, Kenneth Co	Detroit	Steam supplies	6	3	9	1
Aug. 13	Anderson, W. H. Tool & Supply Co	Detroit	Tools	41	2	43	.....
Nov. 1	Andries, Henry A. I	Detroit	Printed matter	5	.....	5	.....
Oct. 23	Angora Knitting Mill	Detroit	Knit goods	1	8	9	.....
Nov. 23	Annis, Newton	Detroit	Furs	55	98	153	3
Jan. 3	Apel, Albert	Detroit	Hay, grain and coal	3	.....	3	.....
Nov. 26	Apel, William	Detroit	Coal and coke	4	1	5	.....
Nov. 21	Appel, W. R	Detroit	Millinery	1	4	5	.....
Dec. 20	Aram, M. H	Detroit	Tailoring	4	1	5	.....
Jan. 9	Arctic Ice Cream Co	Detroit	Ice cream	135	11	146	.....
Oct. 2	Argo Family Laundry	Detroit	Laundry	14	22	36	.....
Aug. 9	Armstrong Co., The	Detroit	Cement putty	15	2	17	.....
Nov. 16	Armstrong & Graham	Detroit	Harness	84	5	89	1
Aug. 3	Armstrong Tanning Co	Detroit	Leather	25	.....	25	.....
Dec. 31	Arnold, Jos	Detroit	Baked goods	4	1	5	.....
Nov. 13	Aronstien, Louis	Detroit	Ladies' tailoring	2	2	4	.....
May 31	Arrow Tool & Reamer Co	Detroit	Tools and reamers	13	.....	13	.....
Nov. 9	Art Brass & Wire Works	Detroit	Wire	13	.....	13	.....
June 11	Artcraft Letter Shop	Detroit	Multigraphing	3	20	23	.....
Oct. 17	Artcraft Lithographing Co., The	Detroit	Lithographing	30	11	41	2
Aug. 17	Artesia Water Co	Detroit	Water	2	2	4	.....
Jan. 18	Arthur Studio	Detroit	Photographing	5	8	13	1
Nov. 23	Artist's Model Corset Shop	Detroit	Corsets	.....	4	4	.....
Oct. 25	Art Marble Mosaic & Tile Co., The	Detroit	Tile	26	1	27	.....
Dec. 7	Art Millinery	Detroit	Millinery	1	3	4	.....
Dec. 27	Art Millinery Co	Detroit	Millinery	.....	3	3	.....
June 15	Art Pattern Works	Detroit	Patterns	7	.....	7	.....
Nov. 30	Art Print Shop	Detroit	Printing	8	2	10	.....
Oct. 23	Art Stove Co., The	Detroit	Stoves	295	6	301	2
Sept. 19	Asman & Dunn	Detroit	Flowers	6	.....	6	.....
Nov. 27	Astleford, John J	Detroit	Wagons	2	.....	2	.....
June 1	Astley Carrier Co	Detroit	Carriers	5	.....	5	.....
Sept. 14	Aston, Wm. H. Printing Co	Detroit	Poster printing	16	2	18	.....
May 17	Atlas Auto Top Co	Detroit	Auto tops	3	1	4	.....
Nov. 9	Atlas, Edward A. Hide Co	Detroit	Hides	6	1	7	.....
May 31	Atlas Foundry Co	Detroit	Castings	199	2	201	.....
Jan. 8	Atlas Machine Works	Detroit	General machine work	14	1	15	.....
Dec. 26	Aumann, C	Detroit	Baked goods	3	3	6	.....
May 8	Austin Separator Co	Detroit	Separators	1	2	3	.....
June 7	Auto City Metal Spinning & Mfg. Co	Detroit	Metal spinning	6	.....	6	.....
Nov. 27	Auto City Sheet Metal Co	Detroit	Sheet metal	10	.....	10	.....
Dec. 5	Auto Electric Service Co	Detroit	Auto repairing	14	1	15	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Oct. 25	Auto Engineering Co., The	Detroit	Auto parts	36	1	37	.....
Sept. 20	Auto Home Garage	Detroit	Auto repairing	13	.....	13	.....
May 15	Automatic Arc Welding Co	Detroit	Welding	6	.....	6	.....
April 19	Automatic Products Co	Detroit	Cap screws	156	.....	156	.....
Oct. 5	Automobile Crank Shaft Corporation	Detroit	Auto cranks	289	5	294	.....
April 24	Automobile Custom Shop, Inc., The	Detroit	Auto trimming, etc	8	.....	8	.....
Nov. 17	Auto Paint Shop, The	Detroit	Auto painting, etc	4	.....	4	.....
Oct. 10	Autoparts Mfg. Co	Detroit	Auto parts	53	8	61	6
Dec. 5	Auto Service Station	Detroit	Auto repairing	2	.....	2	.....
May 7	Auto Tire Repair Co	Detroit	Tire repairing	10	.....	10	1
April 12	Avenue Bakery, The	Detroit	Baked goods	2	1	3	.....
Dec. 20	Avenue Garage	Detroit	Auto repairing	10	.....	10	.....
Oct. 19	Aylward, Richard L	Detroit	Coal	88	1	89	.....
Nov. 1	Baade, C. Frank	Detroit	Storage and cartage	3	.....	3	.....
Sept. 20	Babcock, Ben	Detroit	Scrap metal	12	.....	12	.....
Dec. 4	Bachem-Robinson Co., The	Detroit	Auto specialties	5	1	6	.....
Nov. 5	Backus, A., Jr. & Sons	Detroit	Boxes	49	2	51	1
Aug. 15	Bader Baking Co	Detroit	Baked goods	6	2	8	.....
Dec. 22	Baets, Andrew	Detroit	Cigars	10	1	11	.....
Dec. 3	Bagg Street Garage	Detroit	Auto repairing	2	.....	2	.....
Nov. 19	Bagg's Curtain Shop	Detroit	Curtains	1	3	4	.....
Sept. 28	Bagley, Jno. J. & Co	Detroit	Tobacco	119	204	323	4
Oct. 30	Bagley Service Garage	Detroit	Auto repairing	4	.....	4	.....
Dec. 28	Bailey, M. D	Detroit	Millinery	.....	4	4	.....
May 16	Bailey-Picha Printing Co	Detroit	Printing	2	1	3	.....
Sept. 19	Bailey, Paterson & Bailey	Detroit	Carpet cleaning	8	.....	8	.....
May 23	Baisch, J. F	Detroit	Cutlery	4	1	5	.....
Nov. 28	Baker, Amelia H	Detroit	Millinery	.....	3	3	.....
May 18	Baker Art Studio, The	Detroit	Photographing	3	2	5	.....
Dec. 11	Baker, Geo. P	Detroit	Millinery	.....	1	1	.....
June 21	Baker & Marwil	Detroit	Neckwear	3	22	25	.....
Dec. 28	Baker & Whiffen	Detroit	Auto repairing	4	.....	4	.....
Nov. 23	Ballantine Co., The	Detroit	Custom clothing	14	5	19	.....
Aug. 30	Ballman, W. E	Detroit	Repairing	14	1	15	.....
April 12	Baltimore Lunch Bakery	Detroit	Baked goods	10	.....	10	.....
Sept. 26	Banner Cigar Mfg. Co., The	Detroit	Cigars	15	102	117	.....
May 16	Banner Garment Mfg. Co	Detroit	Garments	12	128	140	3
April 26	Banner Garment Mfg. Co	Detroit	Clothing	4	42	46	.....
Sept. 24	Banner Laundering Co	Detroit	Laundry	71	261	332	.....
Jan. 3	Banner Mfg. Co	Detroit	Extracts	5	7	12	1
Nov. 20	Barbas Candy Co	Detroit	Candy	5	1	6	.....
June 4	Barber, H. S	Detroit	Roofing	17	.....	17	.....
Mar. 21	Barcy-Nicholson Co	Detroit	Auto supplies	24	14	38	10
June 7	Barie Bread Co	Detroit	Baked goods	19	1	20	.....
Nov. 21	Barlum, Thos. & Sons Co	Detroit	Packing house products	16	2	18	.....
Dec. 21	Barnes, Geo. H	Detroit	Electric supplies	28	3	31	2
May 26	Barnes Wire Fence Co	Detroit	Wire fences	38	.....	38	.....
April 27	Barnett-Sturm Co	Detroit	Furniture	8	.....	8	.....
Jan. 2	Barrett Co., Inc., The	Detroit	Coal tar products	103	4	107	1
Nov. 12	Barrett, F. J. Lumber Co	Detroit	Lumber	10	1	11	.....
Nov. 28	Barrett's Shop	Detroit	Millinery	.....	1	1	.....
Dec. 10	Barron, D. D	Detroit	Coal and coke	5	.....	5	.....
Sept. 28	Bartholomaei, Max, Son & Co	Detroit	Building supplies	85	.....	85	.....
June 22	Bartlett Mfg. Co	Detroit	Hardware	16	4	20	3
Dec. 5	Barton Auto Top Co	Detroit	Auto tops	27	13	40	.....
Oct. 10	Barton Auto Top Co	Detroit	Auto tops	16	.....	16	.....
Nov. 5	Basman, A. M. Co., Inc., The	Detroit	Sheet metal	24	.....	24	.....
Oct. 18	Batchelder Marble Co	Detroit	Marble	17	.....	17	.....
June 18	Batchelder-Wasmund Co., The	Detroit	Cut stone and granite	22	.....	22	.....
May 1	Bauer-Scherer Baking Co., The	Detroit	Baked goods	8	3	11	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Dec. 18	Baumann, Conrad & Son	Detroit	Wagons and trucks	4	.....	4	.....
Dec. 20	Bean & Deville	Detroit	Plumbing	13	.....	13	1
May 28	Beard Bros	Detroit	Flowers	12	1	13	.....
Sept. 19	Beaubien Ice & Coal Co	Detroit	Ice and coal	61	1	62	.....
Aug. 20	Beaudoin, Thos. S	Detroit	Canned goods	6	.....	6	.....
Nov. 1	Beck Cereal Co	Detroit	Rolled oats	43	2	45	.....
Sept. 10	Becker Bros. & Co	Detroit	Printing	5	.....	5	.....
Aug. 29	Becker's, E. Asphaltum Roofing Co	Detroit	Roofing	12	1	13	.....
Dec. 27	Becker, H. W. Son	Detroit	Furs	4	7	11	.....
Nov. 13	Becker, Marie	Detroit	Dressmaking	1	10	11	.....
April 24	Becker & Becker	Detroit	Furnaces	10	.....	10	.....
May 1	Beckett Machine & Tool Works	Detroit	Machinery	2	.....	2	.....
June 14	Beckmann, A. L	Detroit	Electric supplies, etc	3	1	4	.....
May 29	Beckwith, Walter	Detroit	Blacksmithing	4	.....	4	.....
July 27	Beebe, Henry A	Detroit	Cut stone	7	.....	7	.....
May 4	Beegen, R	Detroit	Stove pipe	13	1	14	.....
Aug. 15	Behr Bros. Co	Detroit	Hides	9	.....	9	.....
Dec. 20	Behr, J. August	Detroit	Printing	1	1	2	.....
Dec. 19	Belgian-American Printing Co	Detroit	Printing	3	.....	3	.....
May 31	Bell, John, Jr	Detroit	Baked goods	5	.....	5	.....
May 16	Bellair, Fred	Detroit	Painting	3	.....	3	.....
May 3	Bell Electrotyping Co., The	Detroit	Electrotyping	20	1	21	1
Jan. 7	Belensky & Winokur	Detroit	Junk	2	4	6	.....
Nov. 26	Belle Isle Boat & Engine Co	Detroit	Boats and engines	12	1	13	.....
June 22	Belle Isle Creamery Co	Detroit	Dairy products	31	2	33	.....
Jan. 2	Belle Isle Garment Mfg. Co	Detroit	Aprons	1	7	8	.....
Aug. 15	Bellevue Industrial Furnace Co	Detroit	Furnaces	42	4	46	1
June 11	Bell Pump & Mfg. Co., The	Detroit	Pumps	16	.....	16	8
Jan. 9	Belz, G. C	Detroit	Baked goods	2	2	4	.....
Dec. 6	Berg, Amelia	Detroit	Dressmaking	1	6	7	.....
Jan. 7	Berghoff Brewing Association	Detroit	Beer	8	1	9	.....
Nov. 5	Ber-han Shop, The	Detroit	Millinery	.....	4	4	.....
Aug. 24	Berkowitz Press, Inc., The	Detroit	Printing	4	1	5	.....
May 28	Berry Bros	Detroit	Varnishes	161	10	171	.....
May 25	Bertling, Paul C	Detroit	Sheet metal	7	.....	7	.....
Dec. 26	Bery, August & Son	Detroit	Furnaces	4	1	5	.....
Sept. 19	Besancon's, Geo. Sons	Detroit	Coal, etc	7	.....	7	.....
July 20	Besancon, Wm. E	Detroit	Coal	22	1	23	.....
May 1	Best Stove Co	Detroit	Stoves	13	1	14	.....
Jan. 8	Beyer, J. F	Detroit	Coal and coke	7	.....	7	.....
Aug. 21	Beyster, John & Sons Co	Detroit	Lumber	47	1	48	1
Jan. 8	Bialk, Alois	Detroit	Blacksmithing	2	.....	2	.....
Oct. 30	Bird, Chas. J. E	Detroit	Coal and coke	3	.....	3	.....
Aug. 14	Blackburn, Geo. L	Detroit	Job printing	3	.....	3	.....
May 21	Blake, W. M. Mfg. Co	Detroit	Metal spinning	4	.....	4	.....
May 11	Bland, P. N. Printing Co	Detroit	Printing	9	2	11	.....
Oct. 26	Blatz, Val Brewing Co	Detroit	Beer	5	.....	5	.....
July 11	Bleich Printing Co., The	Detroit	Job printing	2	.....	2	.....
April 30	Bloch, William	Detroit	Wagon repairing	2	.....	2	.....
April 23	Blodgett Engineering-Tool Co., The	Detroit	Tools and dies	15	.....	15	.....
May 2	Blodgett Engineering & Tool Co., The	Detroit	Tools and dies	32	1	33	.....
Aug. 15	Blome Bros. Co	Detroit	Frames	13	2	15	1
Nov. 30	Blue Valley Creamery Co	Detroit	Dairy products	29	12	41	1
Nov. 16	Board of Education Shop	Detroit	Repairing	76	.....	76	.....
Aug. 29	Board of Water Commissioners, The	Detroit	Waterworks supplies	153	2	155	.....
Sept. 18	Bogacki Mill Co., The	Detroit	Rye flour	6	.....	6	.....
June 1	Boldt, Chas. F	Detroit	Cigars	20	17	37	.....
Oct. 12	Bolles, J. E. Iron & Wire Works	Detroit	Iron and wire	137	2	139	2
July 6	Bolton & Chapman, Inc	Detroit	Plumbing	25	.....	25	.....
Dec. 10	Bolton, Clara	Detroit	Millinery	.....	2	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Nov. 27	Boosey, Norman	Detroit	Plumbing	4	.....	4	.....
July 5	Booth Cold Storage Co	Detroit	Cold storage	40	1	41	.....
April 11	Booth Fisheries Co	Detroit	Fish, etc	5	.....	5	.....
Oct. 26	Borin Bros. Co	Detroit	Coal and coke	8	.....	8	.....
Nov. 23	Bornman, John & Son	Detroit	Printing	38	20	58	4
Nov. 8	Bosch Magneto Co	Detroit	Magnetos	21	3	24	.....
May 24	Bossardet Garage	Detroit	Auto repairing	2	.....	2	.....
Dec. 26	Boulevard Park Bakery, The	Detroit	Baked goods	3	.....	3	.....
June 8	Boulevard Tire & Supply Store	Detroit	Tire sales and repairing	5	.....	5	.....
July 6	Boulevard Transfer Co	Detroit	Trucking	3	.....	3	.....
June 13	Bourke Machine Co	Detroit	Auto parts	39	1	40	.....
Dec. 10	Butt's Laundry	Detroit	Laundry	2	2	4	.....
Aug. 6	Bower Roller Bearing Co	Detroit	Roller bearings	328	3	331	12
June 14	Bowen, W. T	Detroit	Coal, coke and cartage	6	1	7	.....
June 20	Boydell Bros., White Lead Co	Detroit	Paints	47	7	54	.....
Aug. 16	Boylan, Ward L	Detroit	Auto repairing	4	2	6	.....
Aug. 6	Brandau Shoe Co	Detroit	Shoes	18	5	23	1
Aug. 31	Brandt, F. G	Detroit	Blacksmithing	4	.....	4	.....
April 27	Brass Bed Repair Co	Detroit	Bed repairing	3	1	4	.....
Nov. 12	Braun Lumber Co	Detroit	Lumber	40	2	42	.....
Nov. 23	Brede & Schroeter	Detroit	Interior decorating	39	4	43	.....
May 3	Breitenbeck, P. A	Detroit	Meats	5	.....	5	.....
Dec. 28	Breitmeyer's, John Sons	Detroit	Flowers	7	1	8	.....
Jan. 2	Brennan Feather Co	Detroit	Feather novelties	1	6	7	.....
Aug. 3	Brennan, Fitzgerald & Sinks	Detroit	Baked goods	12	.....	12	.....
Sept. 7	Brennan, John & Co	Detroit	Boilers, tanks, etc	109	1	110	.....
Nov. 21	Brennan Truck Co	Detroit	Cartage	25	.....	25	.....
Oct. 25	Brenner Coal Co	Detroit	Coal	10	.....	10	.....
June 12	Bridges, E. P. & Co	Detroit	Painting	14	1	15	.....
Aug. 13	Bright, Thomas	Detroit	Blacksmithing	2	.....	2	.....
July 6	Briscoe Mfg. Co	Detroit	Auto parts	388	54	442	1
June 8	Brock, A. F. & Sons	Detroit	Monuments	3	.....	3	.....
Dec. 11	Brodie, Mrs. Anne	Detroit	Millinery	.....	3	3	.....
Oct. 25	Brodie, J	Detroit	Sheet metal	3	.....	3	.....
June 8	Brookes, A. W	Detroit	Job printing	6	.....	6	1
Jan. 3	Brooks & Co	Detroit	Lumber	5	.....	5	.....
June 20	Brooks & Pratte Bros	Detroit	Auto repairing	5	.....	5	.....
Jan. 8	Brooks & Pratte Garage	Detroit	Auto accessories	4	.....	4	.....
Aug. 16	Brossy, L. C. Dyeing Co	Detroit	Cleaning and dyeing	19	35	54	3
Jan. 7	Brown Cleaners & Dyers	Detroit	Cleaning and dyeing	15	16	31	3
July 9	Brown-Hawkins Lumber Co	Detroit	Interior finish	46	2	48	.....
May 24	Brown-Hutchinson Iron Works	Detroit	Structural iron work	28	.....	28	.....
May 15	Brown-McLaren Mfg. Co	Detroit	Screw machine products	74	14	88	.....
Aug. 21	Brown, M. V. & Sons Co	Detroit	Engraving	7	8	15	1
May 7	Brown-Morris Co	Detroit	Dies and tools	42	.....	42	.....
May 29	Brown, J. B	Detroit	Blacksmithing	3	.....	3	.....
Aug. 3	Bruckman, Thos. & Co	Detroit	Plumbing	17	.....	17	.....
Dec. 7	Bryan, Mrs. Clara	Detroit	Millinery	.....	2	2	.....
May 4	Bryant, E. S. Pattern Works	Detroit	Patterns	28	.....	28	.....
June 22	Bryant-Newell Co., Ltd., The	Detroit	Band instruments	6	.....	6	1
Oct. 24	Buchanan & Huff	Detroit	Coal	7	.....	7	.....
July 12	Buchanan & Huff	Detroit	Coal and coke	25	.....	25	.....
Oct. 25	Buckie Printers' Roller Co., The	Detroit	Printers' rollers	3	1	4	.....
May 4	Buechner, John L	Detroit	Plating	16	.....	16	2
Aug. 6	Buekers, J. H. Mfg. Co., The	Detroit	Fixtures	20	.....	20	1
Nov. 5	Bufe Plumbing & Heating Co	Detroit	Plumbing	22	.....	22	.....
Jan. 15	Buhl Battery Co	Detroit	Storage batteries	2	.....	2	.....
April 3	Buhl Stamping Co	Detroit	Metal goods	274	23	297	18
Dec. 27	Buick Motor Co	Detroit	Auto repairing, etc	36	3	39	.....
May 25	Builders' & Pavers' Supply Co	Detroit	Builders' supplies	24	1	25	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
June 20	Buick Repair Shop	Detroit	Auto repairing	3	.....	3	.....
Dec. 11	Bumele, Misses J. & R.	Detroit	Millinery	.....	3	3	.....
Dec. 3	Bunnell, Chas. H.	Detroit	Custom clothing	8	.....	8	.....
Jan. 7	Burau, Paul E.	Detroit	Plumbing	4	.....	4	.....
July 12	Burch Motor Sales Co.	Detroit	Auto repairing	41	2	43	.....
Oct. 16	Burdette, F. E. Coal Co.	Detroit	Coal, coke and wood	5	1	6	.....
June 14	Burdett Oxygen Co. of Detroit	Detroit	Oxygen	4	1	5	.....
Sept. 24	Burdick, Frank R. & Son	Detroit	Cigars	3	10	13	.....
Sept. 19	Burghardt & Diehl	Detroit	Furniture repairing	5	.....	5	.....
May 29	Burkhardt Co., The	Detroit	Trade binding	20	40	60	1
Nov. 22	Burleigh, I. H.	Detroit	Millinery	.....	3	3	.....
Dec. 31	Burnett, E. L. Co.	Detroit	Auto accessories	2	.....	2	.....
Dec. 20	Burns, J. L. & Co.	Detroit	Plumbing	14	.....	14	.....
Dec. 4	Burns, Wm. H.	Detroit	Plumbing	2	.....	2	.....
May 18	Burns & Scholz	Detroit	Plumbing	3	.....	3	.....
Oct. 15	Burroughs Adding Machine Co.	Detroit	Adding machines	3,788	844	4,632	161
Dec. 5	Burr-Patterson & Co.	Detroit	Jewelry	24	8	32	.....
Dec. 21	Burton-Lowery Co.	Detroit	Auto trimming	53	6	59	.....
May 3	Burton, W. J. Co., The	Detroit	Sheet metal	31	2	33	.....
Nov. 14	Burvoi Hat Shop	Detroit	Millinery	1	5	6	.....
May 22	Busby, John H. Co.	Detroit	Electric supplies	63	2	65	1
June 6	Buyers, Jas. & Son	Detroit	Auto repairing	4	.....	4	.....
May 25	Cable, Draper Co.	Detroit	Baked goods	235	7	242	2
April 12	Cadillac Auto Painting & Trimming Co.	Detroit	Auto bodies	18	.....	18	.....
July 13	Cadillac Can Co.	Detroit	Cans	21	9	30	8
Nov. 17	Cadillac Casket Co.	Detroit	Caskets	15	4	19	.....
Oct. 25	Cadillac Cigar Box Co.	Detroit	Cigar boxes	14	27	41	4
Oct. 23	Cadillac Coal & Coke Co.	Detroit	Coal and coke	15	1	16	.....
Sept. 21	Cadillac Garment Mfg. Co.	Detroit	Dresses	7	44	51	.....
May 31	Cadillac Lithographing Co.	Detroit	Lithographing	6	1	7	.....
Oct. 10	Cadillac Metal Reduction Co.	Detroit	Metal refining	9	.....	9	.....
Nov. 1	Cadillac Motor Car Co.	Detroit	Auto parts	222	30	252	10
May 3	Cadilac Motor Car Co.	Detroit	Auto trimming	260	.....	260	.....
July 25	Cadillac Motor Car Co.	Detrpit	Auto bodies	1,631	5	1,636	3
Oct. 15	Cadillac Motor Car Co.	Detroit	Auto repairing	44	.....	44	.....
Oct. 9	Cadillac Motor Car Co.	Detroit	Motor cars	2,216	10	2,226	3
July 25	Cadillac Motor Car Co.	Detroit	Top and cushions	196	.....	196	.....
Sept. 21	Cadillac Motor Car Co.	Detroit	Auto repairing	52	.....	52	.....
Sept. 12	Cadillac Motor Car Co.	Detroit	Automobiles	4,318	124	4,442	.....
Aug. 14	Cadillac Motor Car Co.	Detroit	Foundry and core room	181	15	196	.....
April 30	Cadillac Printing Co.	Detroit	Job printing	27	11	38	1
May 17	Cadillac Tool Co.	Detroit	Tools	52	.....	52	2
June 12	Cady & Knapp	Detroit	Multigraphing	4	16	20	.....
Sept. 28	Caille Bros. Co., The	Detroit	Machinery	330	8	338	3
Aug. 17	Cain Bros.	Detroit	Plumbing	14	.....	14	.....
Nov. 19	Callahan Hat Shop	Detroit	Millinery	.....	4	4	.....
Oct. 26	Calvert Lithographing Co., The	Detroit	Lithographing	281	102	383	16
Sept. 17	Calvert's, J. Sons	Detroit	Coal	32	.....	32	.....
Sept. 17	Calvert's, J. Sons	Detroit	Coal and supplies	55	.....	55	.....
June 21	Calvert's, J. Sons	Detroit	Coal & builders' supplies	30	.....	30	1
Sept. 17	Calvert's, J. Sons	Detroit	Coal and supplies	20	.....	20	.....
Jan. 3	Cameron, John	Detroit	Plumbing	4	.....	4	.....
Sept. 7	Campau Cleaning Co.	Detroit	Pressing, etc.	3	1	4	.....
Nov. 23	Campbell, Frank R.	Detroit	Harness	2	.....	2	.....
April 26	Campbell, Manson & Sons Co.	Detroit	Leather	39	5	44	4
May 8	Campbell & Mead	Detroit	Brooms	13	.....	13	.....
Dec. 18	Campbell, William Co., The	Detroit	Fireless cookers	56	6	62	.....
Sept. 25	Candler, J. D. Co.	Detroit	Roofing	38	1	39	.....
May 25	Candler, Geo. V. Co.	Detroit	Roofing	28	.....	28	.....
April 5	Candler Radiator Co.	Detroit	Auto radiators	23	.....	23	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
May 17	Candler Radiator Co.	Detroit	Auto radiators	131	19	150	.....
Dec. 31	Candler, Robert Co.	Detroit	Roofing	17	1	18	.....
Nov. 13	Canfield-Naily	Detroit	Millinery	.....	8	8	.....
Jan. 4	Canto, Jos. E. Cigar Co., The	Detroit	Cigars	6	6	12	.....
April 25	Capitol Brass Works	Detroit	Brass goods	468	9	477	2
April 11	Carkeek Printing Co.	Detroit	Job printing	5	.....	5	.....
Jan. 7	Carolin, R. B.	Detroit	Brass goods	10	1	11	.....
Dec. 20	Carpenter Chemical Co.	Detroit	Court plasters	4	6	10	.....
Sept. 19	Carriere, James	Detroit	Custom clothing	3	.....	3	.....
Oct. 25	Carroll Machine & Tool Co.	Detroit	Tools	12	.....	12	.....
May 3	Carson Motor Co.	Detroit	Gasoline engines	17	1	18	.....
Nov. 27	Carson & Utter	Detroit	Cleaning and dyeing	5	2	7	1
Aug. 23	Carter, Chas. C.	Detroit	Wood working	20	1	21	.....
June 19	Cartwright Bros. Granite Co.	Detroit	Monuments	12	.....	12	.....
June 18	Case, W. A. & Son Mfg. Co.	Detroit	Closets and tanks	46	1	47	.....
Dec. 11	Casey, Edna E.	Detroit	Millinery	.....	3	3	.....
May 25	Casket Hardware Mfg. Co., The	Detroit	Casket hardware	18	3	21	4
Dec. 4	Cass Park Garage	Detroit	Auto repairing	2	.....	2	.....
Jan. 4	Casta, Tony	Detroit	Baked goods	7	.....	7	.....
May 24	Castaluminum Body Co.	Detroit	Auto bodies	87	.....	87	.....
Dec. 27	Cataract Refining Co.	Detroit	Lubricants	2	1	3	.....
Sept. 6	Catherine Coal & Coke Co.	Detroit	Coal	4	1	5	.....
Dec. 6	Caughey-Jossman Co.	Detroit	Seeds	13	2	15	.....
Dec. 26	C. & E. Mfg. Co.	Detroit	Window screens	8	.....	8	.....
Aug. 31	Central Auto & Wagon Works	Detroit	Auto repairing	4	.....	4	.....
Oct. 25	Central Cut Stone Co.	Detroit	Cut stone	12	.....	12	.....
Aug. 20	Central Electric Co.	Detroit	Electrical supplies	42	5	47	1
April 11	Central Garage	Detroit	Auto repairing	11	2	13	.....
Aug. 14	Central Machine Co.	Detroit	Machinery	15	.....	15	.....
July 30	Central Mfg. Supply Co.	Detroit	Sanitary wiping cloths	2	.....	2	.....
April 27	Central Oil Co.	Detroit	Oils	35	1	36	.....
July 18	Central Pattern Works	Detroit	Patterns	12	.....	12	.....
Oct. 22	Central Plating Co.	Detroit	Plating	3	.....	3	.....
June 13	Central Repair Works	Detroit	Auto repairing	12	1	13	.....
Oct. 18	Central Specialty Co.	Detroit	Plumbers' supplies	127	2	129	.....
May 17	Central Station Steam Co.	Detroit	Heating equipment	12	1	13	.....
Nov. 2	Central Storage Co.	Detroit	Storage	24	1	25	.....
Jan. 7	Central Tire Repair Co.	Detroit	Vulcanizing	3	.....	3	.....
Dec. 4	Century Mfg. Co.	Detroit	Auto repairing	4	.....	4	.....
July 12	Chalmers Motor Car Co.	Detroit	Automobiles	2,974	179	3,153	8
Oct. 4	Champion Brewery Co.	Detroit	Beer	38	.....	38	.....
Nov. 16	Chamberlin Metal Weather Strip Co.	Detroit	Weather strips	47	8	55	1
Oct. 22	Champion Cigar Co., The	Detroit	Cigars	3	70	73	.....
June 7	Chapper, F. A. Iron Works	Detroit	Structural iron	55	2	57	.....
May 28	Cheevers, Thos. P.	Detroit	Wax figures	1	.....	1	.....
Dec. 4	Chelt-Marshall, Inc.	Detroit	Caps	6	6	12	.....
Aug. 16	Chevrolet Motor Co.	Detroit	Auto repairing	13	.....	13	.....
Aug. 28	Chicago Hosiery Co.	Detroit	Hosiery	11	28	39	.....
Sept. 27	Chicago Pneumatic Tool Co.	Detroit	Tools	640	6	646	7
Aug. 9	Chicago Ry. Equipment Co.	Detroit	Railway supplies	23	.....	23	.....
May 21	Chopa Piston Ring Co.	Detroit	Piston rings	8	.....	8	1
Nov. 5	Chope, Chas. E. & Co.	Detroit	Truck repairing	8	.....	8	.....
May 24	Chope, E. & Son	Detroit	Wagons	16	.....	16	.....
Nov. 7	Christa Marble Co., The	Detroit	Interior marble work	44	1	45	.....
April 13	Christe-Kline Forge Co.	Detroit	Castings, etc.	17	1	18	.....
Aug. 3	Christe-Kline Forge Co.	Detroit	Machinery	4	.....	4	.....
May 25	Chrysler & Koppin	Detroit	Refrigerators	26	.....	26	.....
April 11	Churchill Co., The	Detroit	Auto repairing	11	.....	11	.....
May 1	City Bottling Works	Detroit	Soft drinks	37	.....	37	2
June 1	City Concrete & Coal Co.	Detroit	Cement blocks	10	.....	10	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
May 29	City Concrete & Coal Co	Detroit	Cement blocks	4	1	5	.....
Aug. 3	City Lumber Co	Detroit	Lumber	35	.....	35	.....
Jan. 9	City of the Straits Cigar Mfg. Co	Detroit	Cigars	3	90	93	.....
May 29	City Pattern Works	Detroit	Patterns	44	1	45	1
Oct. 25	City Tire Repair	Detroit	Vulcanising	2	.....	2	.....
Aug. 9	Clarke-Cowdin Co., The	Detroit	Job printing	7	.....	7	.....
July 13	Clark Electric Meter Co	Detroit	Electric meters	14	23	37	5
June 18	Clark, James & Sons	Detroit	Wagons and trucks	13	.....	13	.....
Dec. 20	Clark Mineral Springs Bath House, The	Detroit	Mineral water	3	.....	3	.....
Sept. 13	Clark, S. P. C	Detroit	Job printing	3	1	4	.....
Nov. 19	Clayton, F. G. Co	Detroit	Custom clothing	21	10	31	.....
Oct. 16	Clayton & Lambert Mfg. Co	Detroit	Sheet metal	225	32	257	.....
May 14	Clench & Shannon	Detroit	Barbers' specialties	3	1	4	.....
Jan. 4	Clifford, J. M. & Co	Detroit	Hardwood lumber	5	1	6	.....
Sept. 6	Clippert, Geo. H. & Bro. Brick Co	Detroit	Brick	78	1	79	3
Sept. 6	Clippert, Geo. H. & Bro. Brick Co	Detroit	Brick	58	.....	58	.....
Sept. 6	Clippert, William Brick Mfr	Detroit	Brick	64	.....	64	.....
Oct. 9	Cloutier-Hoffmeyer Co	Detroit	Custom clothing	8	.....	8	.....
June 21	Codman, F. L. & J. C. Co	Detroit	Buffs and wheels	8	16	24	2
Dec. 6	Cohen, Mrs. Max	Detroit	Millinery	.....	8	8	.....
April 19	Coleman, Geo. D	Detroit	Auto repairing	4	.....	4	.....
June 6	Collard, A. P	Detroit	Plumbing	5	1	6	.....
June 8	Collier, P. F. & Son	Detroit	Books, etc	18	8	26	.....
Oct. 30	Collins, T. & R. Truck Co	Detroit	Trucking	43	1	44	.....
July 21	Colonial Brick Co	Detroit	Brick	2	.....	2	.....
May 14	Colonial Laundry Co	Detroit	Laundry	27	94	121	.....
April 10	Colonial Mfg. Co	Detroit	Flags, etc	2	16	18	.....
Aug. 6	Colonial Printing Co	Detroit	Job printing	1	1	2	.....
April 28	Colton, Arthur Co	Detroit	Machine repairing	162	5	167	4
Aug. 7	Columbia Brewing Co	Detroit	Beer	17	1	18	.....
Dec. 4	Columbia Buggy Co	Detroit	Buggies, etc	21	.....	21	.....
June 20	Columbia Castings Co	Detroit	Castings	32	1	33	.....
June 7	Columbia Motors Co., The	Detroit	Automobiles	54	2	56	.....
Dec. 5	Columbia Motor Truck Sales Co	Detroit	Auto truck sales	6	1	7	.....
Nov. 13	Columbian Picture Frame Mfg. Co	Detroit	Picture frames	11	.....	11	.....
Oct. 29	Columbia Press	Detroit	Job printing	5	3	8	1
June 1	Columbia Western Mills	Detroit	Shades	37	5	42	.....
Oct. 26	Commerce Electric Motor Co	Detroit	Motor repairing	3	.....	3	.....
May 1	Commercial Milling Co	Detroit	Flour and feed	113	11	124	7
Aug. 7	Commerce Motor Car Co., The	Detroit	Motor trucks	138	3	141	.....
Nov. 23	Commercial Bindery, The	Detroit	Book binding	4	14	18	.....
Dec. 26	Commercial Electric Supply Co	Detroit	Electrical supplies	22	6	28	3
June 22	Concord Garage	Detroit	Auto repairing	4	.....	4	.....
June 22	Conkling, S. P	Detroit	Pipe coverings	36	.....	36	.....
May 28	Conover Press, The	Detroit	Job printing	3	1	4	.....
Dec. 3	Consolidated Oldsmobile Co., The	Detroit	Sales	9	2	11	.....
Aug. 28	Consumers Paper Co	Detroit	Cleaning rags	8	11	19	.....
July 15	Continental Motors Corporation	Detroit	Motors	3,433	64	3,497	18
Nov. 30	Continental Trailer Co	Detroit	Trailers	5	.....	5	.....
Nov. 22	Conway Brief Co	Detroit	Linotype	57	4	61	3
Sept. 6	Cook, E. R	Detroit	Cartage	7	.....	7	.....
Jan. 4	Cooper, A. & W	Detroit	Builders' supplies	10	1	11	.....
Oct. 25	Cook, J. H. Electric Co	Detroit	Electrical supplies	16	.....	16	.....
June 14	Cooney, A. W. & Co	Detroit	Coal and coke	5	1	6	.....
Nov. 5	Coonley Medicine Co., The	Detroit	Medicine	2	6	8	.....
May 1	Cope Pattern Works, The	Detroit	Patterns	43	2	45	2
June 21	Cordes, Warren B	Detroit	Brick	6	.....	6	.....
May 28	Cornehl, William & Sons	Detroit	Job printing	10	2	12	1
Jan. 2	Correct Hat Shop, The	Detroit	Millinery	.....	6	6	.....
Aug. 29	Costello & Abernethy	Detroit	Plumbing	4	1	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Nov. 5	Cote, Madame	Detroit	Dressmaking	.....	5	5	.....
Dec. 21	Coupland-Dewey Saw & Mfg. Co	Detroit	Saws	3	.....	3	.....
April 30	Cowan, Edward	Detroit	Sheet metal	6	.....	6	.....
April 12	Cowles, F. L	Detroit	Blacksmithing	2	.....	2	.....
June 6	Cowley, F. W	Detroit	Upholstering	7	.....	7	.....
April 17	Crane Co	Detroit	Plumbing supplies	95	12	107	2
June 12	Crawford Laundry Co	Detroit	Laundry	33	96	129	9
Oct. 10	Crescent Brass & Pin Co	Detroit	Pins	18	32	50	.....
Dec. 28	Crescent Electric Co	Detroit	Electrical supplies	6	2	8	1
Oct. 24	Crescent Laundry & Cleaning Co., The.	Detroit	Laundry	16	46	62	.....
Aug. 20	Crist, R. C	Detroit	Motorcycle repairing	4	.....	4	.....
April 30	Crittal Casement Window Co	Detroit	Steel windows	76	2	78	.....
Oct. 30	Cronin Coal Co	Detroit	Coal	7	1	8	.....
July 25	Cronin Coal Co	Detroit	Coal	13	.....	13	.....
Oct. 22	Crook Electric Co	Detroit	Electrical supplies	9	1	10	1
June 22	Crosby 6-5-4 Co	Detroit	Enamel	2	1	3	.....
Aug. 13	Cross Gear & Engine Co	Detroit	Gears and engines	27	1	28	.....
Aug. 20	Cross Laundry Co., The	Detroit	Laundry	20	54	74	2
May 24	Crowley, John A. Co	Detroit	Steel	61	2	63	.....
Oct. 31	Crowley-Milner & Co	Detroit	Storage	20	1	21	.....
May 14	Crown Hat Mfg. Co	Detroit	Ladies' hats	46	128	174	.....
June 2	Crucible Steel Co. of America	Detroit	Steel goods	7	4	11	.....
June 13	Cruickshank & Son	Detroit	Signs	8	2	10	.....
May 11	Crystal Ice Co	Detroit	Ice	13	.....	13	.....
Jan. 2	Crystal Ice Co	Detroit	Ice	70	.....	70	.....
Jan. 2	Crystal Washing Machine Co	Detroit	Washing machines	11	2	13	.....
Sept. 20	Cudahy Bros. Co	Detroit	Meats	11	.....	11	.....
Dec. 6	Cullen, John A	Detroit	Plumbing	11	1	12	.....
Jan. 3	Cullen, A. F. & Co	Detroit	Machinery	8	.....	8	.....
Aug. 27	Culver-Taylor Chain Works	Detroit	Chains	10	5	15	.....
April 30	Cummings-Moore Graphite Co	Detroit	Graphite	6	1	7	.....
Dec. 4	Cunningham Auto Co	Detroit	Auto repairing	22	.....	22	.....
May 21	Currier Auto Co	Detroit	Auto repairing	4	.....	4	.....
Dec. 28	Currie, Thos. E	Detroit	Paving contracting	233	2	235	.....
Nov. 23	Curtis Co., The	Detroit	Job printing	42	20	62	.....
Oct. 25	Curtis Door & Sash Co	Detroit	Lumber	10	1	11	.....
Nov. 28	Cutler, C. L. & Co	Detroit	Plumbing	6	1	7	.....
May 17	Cyclone Fence Co	Detroit	Wire fences	5	2	7	.....
Aug. 23	D. A. C. Garage	Detroit	Auto repairing	19	2	21	.....
May 9	Dafoe-Eustice Co	Detroit	Canvas goods	12	31	43	.....
Nov. 7	Daigle Iron Works	Detroit	Structural iron	76	2	78	.....
Jan. 2	Damaschke & Spader	Detroit	Wagons and trucks	4	.....	4	.....
Sept. 4	Daniel, Jacob Brick Co	Detroit	Brick	23	.....	23	1
April 18	Dann, Louis & Sons	Detroit	Scrap metal	9	.....	9	1
Jan. 3	Danto & Co	Detroit	Fish	9	.....	9	.....
Nov. 1	Davis Cigar Co., Inc	Detroit	Cigars	6	21	27	.....
Jan. 2	Davis Coal & Coke Co	Detroit	Coal and coke	10	1	11	.....
June 6	Davis' Groenhouse	Detroit	Flowers	3	.....	3	.....
Oct. 29	Davis, John J. & Sons	Detroit	Plumbing	34	1	35	.....
Dec. 12	Davis Millinery	Detroit	Millinery	.....	4	4	.....
Nov. 9	Davis Screen & Weather Strip Co	Detroit	Weather strips	6	1	7	.....
April 9	D. & C. Shops	Detroit	Repairing	37	.....	37	.....
April 9	D. & C. Shops	Detroit	Repairing	6	.....	6	.....
Nov. 30	Dean, Harry J. Co., The	Detroit	Interior decorating	82	15	97	.....
Nov. 27	Deane, C. H. Co	Detroit	Plumbing	22	1	23	1
May 25	Dean & Sherk	Detroit	Cotton thread	19	28	47	.....
June 12	Decker & Lindstrom	Detroit	Auto repairing	7	1	8	.....
Aug. 10	DeCroupet Iron Works	Detroit	Structural iron	20	.....	20	.....
May 21	DeGalan, Henry V. Co	Detroit	Wood turning	4	.....	4	.....
Sept. 5	Deinzer Mfg. Co	Detroit	Furniture	38	3	41	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
May 29	Delphie Specialty Mfg. Co	Detroit	Locks	96	1	97	5
June 11	Delray Truck & Storage Co	Detroit	Trucking and storage	17	.....	17	.....
Aug. 9	Delta Block & Supply Co	Detroit	Cement blocks	7	.....	7	.....
June 1	Delta Brick & Tile Co	Detroit	Brick and tile	36	.....	36	.....
Nov. 21	DeLuxe Laundry Co	Detroit	Laundry	22	40	62	1
Oct. 25	Denby Motor Truck Co	Detroit	Motor trucks	119	14	133	.....
Oct. 24	Denise, Maison	Detroit	Millinery	1	5	6	.....
June 13	Dent, C. S. & Co	Detroit	Medicine	1	6	7	.....
May 17	DePalma Mfg. Co	Detroit	Automobiles	15	.....	15	.....
Aug. 30	Department of Public Works	Detroit	Stone	15	.....	15	.....
Aug. 29	Department of Public Works	Detroit	Paving materials	45	.....	45	.....
Aug. 13	Department of Public Works	Detroit	Stone	9	.....	9	.....
Aug. 13	Department of Public Works	Detroit	Asphalt	90	.....	90	.....
Aug. 13	Department of Public Works	Detroit	Paving materials	50	.....	50	.....
Nov. 7	Department of Public Works	Detroit	Auto repairing	15	.....	15	.....
June 19	Department of Public Works	Detroit	Garbage collection	136	.....	136	.....
Aug. 13	Department of Public Works	Detroit	Blacksmithing	2	.....	2	.....
Aug. 13	Department of Public Works	Detroit	Brooms	2	.....	2	.....
Nov. 16	DeSaulier, Alex. J	Detroit	Dress plaiting	.....	4	4	.....
Dec. 27	Desendorf Millinery	Detroit	Millinery	.....	5	5	.....
June 11	Detlaff, A. J. Co	Detroit	Auto parts	55	5	60	.....
Jan. 7	Detroit Accessories Corporation	Detroit	Motor parts	75	21	96	2
Aug. 28	Detroit Alaska Knitting Mills	Detroit	Hosiery	9	72	81	.....
June 18	Detroit Architectural Iron Works	Detroit	Iron work	11	1	12	.....
Dec. 28	Detroit Asphalt Paving Co	Detroit	Asphalt paving	86	2	88	.....
May 11	Detroit Asphalt Paving Co	Detroit	Asphalt	22	.....	22	.....
Sept. 4	Detroit Auto Dash Co	Detroit	Auto dashes	42	2	44	.....
Nov. 27	Detroit Auto Garage	Detroit	Auto repairing	4	.....	4	.....
June 21	Detroit Automatic Clamp Co	Detroit	Hose clamps	7	6	13	1
Aug. 16	Detroit Automatic Scale Co	Detroit	Scales	184	.....	184	.....
Jan. 7	Detroit Auto Piston Co	Detroit	Pistons	13	.....	13	.....
Oct. 9	Detroit Auto Products Co	Detroit	Auto bodies	66	6	72	.....
July 19	Detroit Auto Specialty Co., Inc	Detroit	Auto parts	274	17	291	3
May 28	Detroit Axle Co	Detroit	Auto axles	16	.....	16	.....
Nov. 7	Detroit Baking Co	Detroit	Baked goods	100	9	109	.....
Oct. 31	Detroit Barber Supply Co	Detroit	Barbers' supplies	3	.....	3	.....
Sept. 27	Detroit Battery Co	Detroit	Batteries	64	5	69	2
Sept. 12	Detroit Bedding Co	Detroit	Bedding	13	3	16	.....
Oct. 30	Detroit Beef Co	Detroit	Meats	28	.....	28	.....
April 24	Detroit Belt Lacer Co	Detroit	Belt lacers	4	.....	4	.....
Nov. 22	Detroit Blow Pipe Co	Detroit	Pipes	7	.....	7	.....
June 8	Detroit Blue Print & Supply Co	Detroit	Blue prints	8	.....	8	4
July 18	Detroit Brass Works	Detroit	Brass goods	364	46	410	42
Aug. 28	Detroit Brewing Co	Detroit	Beer	160	1	161	.....
Dec. 18	Detroit Butcher Supply Co	Detroit	Supplies	15	5	20	.....
Sept. 27	Detroit Cabinet Co	Detroit	Furniture	162	3	165	1
Dec. 18	Detroit Candy Co	Detroit	Candy	12	27	39	.....
May 14	Detroit Canvas Mfg. Co	Detroit	Awnings	5	4	9	1
May 2	Detroit Casket Co	Detroit	Caskets	35	8	43	3
Aug. 23	Detroit Chair Mfg. Co	Detroit	Chairs	40	1	41	1
June 21	Detroit Chemical Works	Detroit	Chemicals	78	.....	78	.....
June 12	Detroit Chicle Products Co	Detroit	Chewing gum	2	2	4	1
April 30	Detroit City Gas Co	Detroit	Gas	1,394	203	1,597	4
Aug. 9	Detroit City Gas Co	Detroit	Gas	30	.....	30	.....
June 15	Detroit Coil Co	Detroit	Spark coils	5	4	9	.....
Oct. 12	Detroit Coin Wrapper Co., The	Detroit	Coin wrappers	10	12	22	.....
June 13	Detroit Cold Storage, Ltd	Detroit	Storage	6	.....	6	.....
July 18	Detroit Column Mfg. Co	Detroit	Columns	17	1	18	.....
April 19	Detroit Concrete Receptacle Co	Detroit	Concrete receptacle	7	.....	7	.....
July 13	Detroit Copper & Brass Rolling Mills	Detroit	Copper and brass	2,149	17	2,166	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
May 17	Detroit Cornice & Slate Co	Detroit	Sheet metal	23	.....	23	.....
Dec. 3	Detroit Costume Co	Detroit	Costumes	.....	2	2	.....
Aug. 21	Detroit Creamery Co	Detroit	Dairy products	59	2	61	.....
Nov. 26	Detroit Creamery Co	Detroit	Dairy products	68	3	71	.....
Oct. 16	Detroit Creamery Co	Detroit	Ice cream, etc	920	39	959	.....
Oct. 18	Detroit Creamery Co	Detroit	Repairing, etc	160	2	162	.....
July 20	Detroit Cut Stone Co	Detroit	Cut stone	19	.....	19	.....
Aug. 17	Detroit Daily Abend-Post	Detroit	Printing	31	.....	31	.....
Sept. 20	Detroit Decorative Supply Co., Ltd	Detroit	Plaster articles	13	1	14	.....
Oct. 12	Detroit Dental Mfg. Co	Detroit	Dental goods	16	31	47	.....
June 6	Detroit Die & Tool Co	Detroit	Tools	8	.....	8	1
July 13	Detroit Door & Sash Co	Detroit	Doors, etc	8	.....	8	.....
May 21	Detroit Drop Hammer Board Co	Detroit	Hammer boards	8	.....	8	.....
May 17	Detroit Edge Tool Works	Detroit	Machine knives	18	.....	18	.....
Aug. 27	Detroit Edison Co., The	Detroit	Electricity	3,220	243	3,463	150
Oct. 16	Detroit Egg Biscuit & Specialty Co	Detroit	Baked goods	10	6	16	2
May 15	Detroit Electric Co	Detroit	Motors	7	.....	7	.....
Dec. 3	Detroit Electric Car Co	Detroit	Electric cars, etc	40	2	42	.....
May 17	Detroit Electrotype Co	Detroit	Electrotypes	8	1	9	.....
Aug. 13	Detroit Elevator Co	Detroit	Elevators	6	1	7	1
Dec. 5	Detroit Enterprise Millinery, The	Detroit	Millinery	1	2	3	.....
Oct. 29	Detroit Excelsior Works	Detroit	Excelsior	17	1	18	.....
Sept. 25	Detroit Fire Department	Detroit	Repairing	21	.....	21	.....
May 15	Detroit Forging Co	Detroit	Forging	461	4	465	5
Oct. 17	Detroit Foundry Co	Detroit	Castings	209	1	210	.....
May 17	Detroit Free Press, The	Detroit	Printed matter	345	26	371	3
Nov. 8	Detroit Free Press Garage	Detroit	Auto repairing	5	.....	5	.....
April 11	Detroit Fur Dressing & Dyeing Co	Detroit	Furs	5	.....	5	.....
May 23	Detroit Furnace Co	Detroit	Blasting	60	.....	60	.....
Aug. 13	Detroit Furnace & Stove Repair Co	Detroit	Stove repairing	15	1	16	.....
Aug. 15	Detroit Furniture Mfg. Co	Detroit	Furniture	24	.....	24	.....
Oct. 5	Detroit Fuse & Mfg. Co	Detroit	Electrical specialties	147	47	194	8
Dec. 6	Detroit Garage, The	Detroit	Auto repairing	9	1	10	.....
May 23	Detroit Garment Cleaning Works	Detroit	Cleaning, etc	5	3	8	.....
May 25	Detroit Gauge & Metal Stamping Co	Detroit	Metal stampings	26	14	40	.....
April 15	Detroit Gear & Machine Co	Detroit	Auto transmissions	406	4	410	1
May 28	Detroit Glove & Mfg. Co	Detroit	Gloves	3	15	18	.....
Nov. 7	Detroit Granite Co	Detroit	Monuments	15	.....	15	.....
Nov. 5	Detroit Graphite Co	Detroit	Paints	83	21	104	.....
April 5	Detroit Gray Iron Foundry Co	Detroit	Castings	54	1	55	.....
June 6	Detroit Grinding Wheel Co	Detroit	Grinding wheels	68	2	70	.....
June 15	Detroit Hardware Specialty Co	Detroit	Polishing	10	.....	10	1
Dec. 3	Detroit Haynes Automobile Co., Inc	Detroit	Auto sales and repairing	7	2	9	.....
May 23	Detroit Heating & Lighting Co	Detroit	Heat and light	159	4	163	.....
Jan. 7	Detroit Heating & Refrigerating Co	Detroit	Heating	19	.....	19	.....
Oct. 25	Detroit Hoist & Machine Co	Detroit	Hoisting machines	35	2	37	1
Nov. 30	Detroit Ice Machine Co	Detroit	Ice machines	25	1	26	.....
May 31	Detroit Innovation Co	Detroit	Wood turning	7	2	9	.....
April 18	Detroit Insulated Wire Co	Detroit	Insulated wire	208	93	301	40
Oct. 30	Detroit Jewelry Mfg. Co	Detroit	Jewelry	5	.....	5	.....
Sept. 13	Detroit Journal Co., The	Detroit	Printed matter	147	28	175	1
Sept. 7	Detroit Junk Co	Detroit	Junk	2	2	4	.....
Nov. 28	Detroit Laundry	Detroit	Laundry	12	25	37	.....
Dec. 20	Detroit Laundry Mach. & Supply Co	Detroit	Machinery	4	2	6	.....
Nov. 16	Detroit Lead Pipe Works	Detroit	Plumbing supplies	19	2	21	.....
July 19	Detroit Leather Specialty Co., Inc	Detroit	Leather goods	31	4	35	7
June 11	Detroit Leather Works	Detroit	Leather goods	22	5	27	4
May 4	Detroit Legal News Co., The	Detroit	Printed matter	30	7	37	1
April 26	Detroit Lighting Fixture Co	Detroit	Electric fixtures	12	2	14	.....
May 17	Detroit Lithograph Co	Detroit	Lithographing	25	.....	25	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
July 19	Detroit Lubricator Co.	Detroit	Brass goods	855	50	905	16
Aug. 28	Detroit Lumber Co.	Detroit	Lumber	303	7	310	3
June 8	Detroit Mailing Co.	Detroit	Mailing	3	.....	3	.....
Aug. 17	Detroit Mantel & Tile Co.	Detroit	Lighting fixtures	48	5	53	.....
June 21	Detroit Marble & Mosaic Co., The	Detroit	Marble	40	1	41	.....
July 5	Detroit Market Press, Inc.	Detroit	Job printing	4	.....	4	.....
Aug. 6	Detroit Marvel Brass Mfg. Co.	Detroit	Brass goods	12	.....	12	.....
Nov. 22	Detroit Mausoleum Equipment Works	Detroit	Bronze work	15	.....	15	.....
April 27	Detroit Metallic Bed Co.	Detroit	Beds	5	.....	5	.....
Oct. 1	Detroit Metallic Casket Co.	Detroit	Caskets	26	6	32	1
July 10	Detroit Metal Refining Co.	Detroit	Refining	23	1	24	.....
Aug. 10	Detroit Metal Spinning Co.	Detroit	Metal spinning	8	1	9	.....
April 12	Detroit Metal & Steel Works	Detroit	Structural iron	34	1	35	.....
July 30	Detroit Mill & Lumber Co.	Detroit	Sash doors, etc.	2	1	3	.....
Dec. 20	Detroit Mineral Springs Bath House	Detroit	Mineral water	3	.....	3	.....
Nov. 1	Detroit Miniature Lamp Division	Detroit	Incandescent lamps	20	78	98	.....
April 28	Detroit Mirror Works	Detroit	Mirrors	35	1	36	.....
June 7	Detroit Motor Casting Co.	Detroit	Castings	83	3	86	.....
Aug. 14	Detroit Motor Sales Co., Inc.	Detroit	Auto sales	25	.....	25	.....
Nov. 2	Detroit Multiplier Co., The	Detroit	Multipliers	11	.....	11	.....
April 6	Detroit Name Plate Etching Co.	Detroit	Brass signs	12	4	16	.....
Oct. 25	Detroit Northern Review	Detroit	Printing	2	.....	2	.....
June 11	Detroit Novelty Mfg. Co.	Detroit	Auto accessories	2	3	5	.....
July 9	Detroit Nut Co.	Detroit	Nuts	93	1	94	26
Dec. 31	Detroit Oak Belting Co.	Detroit	Leather belting	64	4	68	.....
May 25	Detroit Oil Cloth Co.	Detroit	Oil cloth	8	.....	8	.....
Dec. 7	Detroit Overall Laundry Co.	Detroit	Overall laundry	5	7	12	.....
Nov. 26	Detroit Paper Ruling Co.	Detroit	Printing	3	2	5	.....
April 4	Detroit Paper Stock Co.	Detroit	Paper stock	40	41	81	.....
Mar. 22	Detroit Paper Tube & Can Co., Ltd.	Detroit	Paper tubes and cans	10	8	18	2
May 7	Detroit Pattern Works	Detroit	Patterns	22	.....	22	2
Nov. 22	Detroit Photo Engraving Co.	Detroit	Engraving	16	2	18	3
Oct. 22	Detroit Piston Ring Co.	Detroit	Piston rings	71	2	73	25
May 4	Detroit Pop Corn Novelty Co.	Detroit	Pop corn	1	.....	1	.....
Sept. 7	Detroit Pressed Steel Co.	Detroit	Pressed steel parts	563	7	570	3
June 20	Detroit Princess Mfg. Co.	Detroit	Dresses	38	466	504	6
June 13	Detroit Printers' Roller Works	Detroit	Printers' rollers	6	.....	6	.....
June 11	Detroit Printing & Stationery Co.	Detroit	Job printing	14	4	18	.....
Sept. 4	Detroit Pulley Co.	Detroit	Wood pulleys	37	1	38	2
Aug. 10	Detroit Rack Co.	Detroit	Metal furniture	3	1	4	.....
May 16	Detroit Range Boiler Co.	Detroit	Range boilers	165	3	168	7
May 25	Detroit Reamer Salvage Co.	Detroit	Reamers	14	1	15	.....
Nov. 13	Detroit Receiving Hospital	Detroit	Laundry	34	52	86	.....
Nov. 20	Detroit Refrigerating Co.	Detroit	Cold storage	100	1	101	.....
April 27	Detroit River Iron Works	Detroit	Wood patterns	27	1	28	.....
April 27	Detroit River Iron Works	Detroit	Machine repairing	14	1	15	.....
Nov. 23	Detroit Rotary Gravure Co.	Detroit	Photo gravure	13	1	14	.....
Aug. 9	Detroit Rubber Stamp Co.	Detroit	Steel stamps, etc.	7	1	8	.....
Oct. 9	Detroit Rug Works	Detroit	Rugs	6	1	7	.....
Aug. 15	Detroit Sand & Gravel Co.	Detroit	Building supplies	13	.....	13	.....
May 25	Detroit Sanitary Brush Co., The	Detroit	Brushes	3	3	6	.....
Dec. 3	Detroit Sanitary Supply Co.	Detroit	Brass goods	79	.....	79	1
Nov. 22	Detroit Saturday Night	Detroit	Printed matter	18	6	24	1
April 6	Detroit Saw & Brasing Works	Detroit	Welding and brasing	3	.....	3	.....
June 20	Detroit Saw & Tool Co.	Detroit	Saws	14	.....	14	1
April 25	Detroit Screen & Mfg. Co.	Detroit	Screens	3	.....	3	.....
April 30	Detroit Screw Works	Detroit	Screws	633	35	668	.....
June 15	Detroit Seamless Steel Tubes Co.	Detroit	Tubes	373	4	377	.....
Oct. 12	Detroit Sheet Metal Works	Detroit	Sheet metal	9	.....	9	.....
June 4	Detroit Shingle & Mfg. Co., The	Detroit	Metal stamping	13	.....	13	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
April 4	Detroit Shipbuilding Co	Detroit	Ships and engines	770	8	778	2
Nov. 19	Detroit Shoe Repairing Co	Detroit	Shoe repairing	3	.....	3	.....
June 7	Detroit Show Card Co., The	Detroit	Signs	3	.....	3	.....
Sept. 11	Detroit Show Case Co	Detroit	Show cases	62	4	66	.....
Aug. 22	Detroit Skirt & Dress Co	Detroit	Skirts and dresses	7	12	19	.....
May 16	Detroit Slipper Mfg. Co	Detroit	Ladies' slippers	12	.....	12	.....
April 12	Detroit Smelting Co	Detroit	Smelting	11	.....	11	.....
June 15	Detroit Socket Co	Detroit	Bow sockets	88	5	93	.....
June 7	Detroit Soda Products Co	Detroit	Soda	29	6	35	.....
May 1	Detroit Soluble Oil Co	Detroit	Oils	4	.....	4	.....
Dec. 10	Detroit Stained Glass Works	Detroit	Glass	11	.....	11	1
June 19	Detroit Stamping Co	Detroit	Metal stamping	34	2	36	8
Aug. 9	Detroit Starter Co	Detroit	Starters	21	14	35	2
Oct. 25	Detroit Steam Carpet Cleaning Works	Detroit	Carpet cleaning	24	3	27	.....
April 20	Detroit Steel Casting Co	Detroit	Steel castings	518	4	522	.....
Sept. 26	Detroit Steel Products Co	Detroit	Sash and springs	1,028	98	1,126	22
Oct. 17	Detroit Stoker Co	Detroit	Stokers	79	2	81	.....
Nov. 30	Detroit Storage Co	Detroit	Moving and storage	49	1	50	.....
Oct. 19	Detroit Storage Co	Detroit	Storage	10	1	11	.....
Aug. 31	Detroit Store Fixture Co	Detroit	Show cases	23	1	24	.....
April 16	Detroit Stove Works	Detroit	Stoves	979	36	1,015	40
Aug. 24	Detroit Sulphite Pulp & Paper Co	Detroit	Paper	582	18	600	.....
April 23	Detroit Suspender Co	Detroit	Suspenders	1	6	7	.....
Dec. 4	Detroit Tailors	Detroit	Tailoring	8	5	13	1
June 11	Detroit Taxicab & Transfer Co	Detroit	Transportation	189	9	198	.....
April 3	Detroit Taxicab & Transfer Co	Detroit	Passenger service	81	3	84	.....
Aug. 20	Detroit Technical Institute	Detroit	Technical institute	16	2	18	1
July 13	Detroit Textile Fabric Co	Detroit	Textile fabrics	7	7	14	.....
Oct. 23	Detroit Times Co	Detroit	Printed matter	50	9	59	.....
Dec. 21	Detroit, Toledo & Ironton R. R. Co	Detroit	Freight transportation	18	7	25	.....
Oct. 19	Detroit Tool Co	Detroit	Tools, etc	67	.....	67	3
Oct. 26	Detroit Tool & Machine Mfg. Co	Detroit	Tools, etc	12	.....	12	.....
Oct. 4	Detroit Torch & Mfg. Co	Detroit	Brass goods	13	.....	13	.....
Dec. 20	Detroit Towel Supply Co	Detroit	Coats, aprons and towels	25	27	52	.....
April 27	Detroit Trailer Co., Inc	Detroit	Auto trailers	31	1	32	.....
Nov. 21	Detroit Truck Co	Detroit	Trucks	15	4	19	.....
Aug. 28	Detroit Tube Products Co	Detroit	Tubes	3	.....	3	.....
April 19	Detroit Twist Drill Co	Detroit	Twist drills	437	51	488	62
Nov. 22	Detroit Typesetting Co	Detroit	Typesetting	18	1	19	.....
June 21	Detroit Typewriter Co	Detroit	Typewriters	9	3	12	.....
Oct. 19	Detroit Union Railroad Depot & Station Co	Detroit	Grain	15	.....	15	.....
July 25	Detroit United Railway	Detroit	Car repairing	48	.....	48	.....
July 20	Detroit United Railway	Detroit	Car repairing	9	.....	9	.....
Sept. 7	Detroit United Railway	Detroit	Electricity	2	.....	2	.....
Sept. 12	Detroit United Railway	Detroit	Transportation storage	17	1	18	.....
Oct. 10	Detroit United Railway	Detroit	Car repairing	13	.....	13	.....
July 5	Detroit United Railway	Detroit	Air	3	.....	3	.....
Oct. 1	Detroit United Railway	Detroit	Street cars	12	.....	12	.....
July 24	Detroit Vapor Stove Co., The	Detroit	Oil stoves	222	5	227	.....
July 9	Detroit Vault Co	Detroit	Cement vaults	5	1	6	4
Dec. 20	Detroit Water Works	Detroit	Water	40	1	41	.....
Dec. 26	Detroit Welding Specialty Co	Detroit	Welding	3	.....	3	.....
Oct. 11	Detroit White Lead Works	Detroit	Paints	124	41	165	7
May 25	Detroit Wire Bound Box Co	Detroit	Boxes	27	1	28	5
April 30	Detroit Wire Fabric & Mfg. Co	Detroit	Wire fences	6	.....	6	.....
May 29	Detroit Wire & Iron Works	Detroit	Wire	4	1	5	.....
Oct. 22	Detroit Wire Lamp Shade Co	Detroit	Wire lamp shades	5	.....	5	.....
Oct. 26	Detroit Wire Spring Co	Detroit	Wire springs	725	7	732	40
Dec. 27	Detroit Wood Products Co	Detroit	Wood turnings	23	1	24	4
April 5	Detroit Works, The	Detroit	Hardware	13	1	14	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
May 24	Detroiter Motor Car Co	Detroit	Motor cars	79	12	91	.....
Sept. 11	Detroiter Wochenblatt Pub. Co., Inc	Detroit	Printing	8	1	9	.....
Oct. 30	Deuel, Chas. C. Co	Detroit	Sheet metal	13	.....	13	.....
Oct. 26	Diamond Coal & Coke Co	Detroit	Coal and coke	18	.....	18	.....
Oct. 29	Diamond Power Specialty Co	Detroit	Soot blowers	10	.....	10	.....
Nov. 21	Diamond Power Specialty Co	Detroit	Soot blowers	95	21	116	1
Jan. 4	D'Hondt, Victor	Detroit	Plumbing	5	.....	5	.....
Oct. 15	Dickinson, H. H. Co	Detroit	Builders' supplies	12	.....	12	.....
Oct. 15	Dickinson, H. H. Co	Detroit	Builders' supplies	8	.....	8	.....
Oct. 15	Dickinson, H. H. Co	Detroit	Builders' supplies	22	3	25	.....
Oct. 15	Dickinson, H. H. Co	Detroit	Builders' supplies	7	1	8	.....
July 27	Dickinson, H. H. Co	Detroit	Builders' supplies	30	3	33	.....
June 12	Dickinson, Samuel Co., The	Detroit	Plumbing	12	1	13	2
Jan. 7	Diehl, Wm. Sons	Detroit	Building supplies	13	.....	13	.....
Aug. 10	Dieterle & Rundell	Detroit	Custom clothing	6	.....	6	.....
June 4	Dietsche, A. C	Detroit	Post cards	5	6	11	1
Jan. 9	Diets Printing Co	Detroit	Job printing	3	.....	3	.....
Oct. 24	Digestive Ferments Co	Detroit	Ferments	23	10	33	.....
Oct. 19	Disco Electric Starter Corporation	Detroit	Electric starters	104	2	106	.....
Nov. 28	Disner, Harry & Co	Detroit	Custom clothing	2	.....	2	.....
Dec. 7	Disner, M	Detroit	Custom clothing	3	.....	3	.....
May 17	Dispatch Laundry Co., The	Detroit	Laundry	19	76	95	.....
Dec. 19	Dispatch Printing Co	Detroit	Printing	11	.....	11	1
Nov. 30	Dittrich, E. C. & Co	Detroit	Furs	10	13	23	.....
July 6	Ditaler Color Co	Detroit	Paints	42	6	48	.....
July 11	Doan, John T	Detroit	Stationery	1	1	2	.....
Oct. 17	Doble-Detroit Steam Motors Co	Detroit	Steam motors	39	1	40	.....
Nov. 21	Doemer, A. & Son	Detroit	Candies	2	1	3	.....
Nov. 9	Doherty, Margaret V	Detroit	Millinery	.....	2	2	.....
Dec. 20	Dolan, F. L	Detroit	Blacksmithing	2	.....	2	.....
Aug. 9	Donahue & Shoebottom	Detroit	Electrical supplies	29	.....	29	.....
May 7	Dongan Electric Mfg. Co	Detroit	Electrical instruments	9	6	15	.....
Dec. 4	Doolittle, C. Mrs	Detroit	Millinery	.....	2	2	.....
April 11	Dordea, John F	Detroit	Machine repairing	3	.....	3	.....
Nov. 23	Dore, Dorothy	Detroit	Dressmaking	.....	4	4	.....
Aug. 20	Dossin, E. J	Detroit	Food products	5	12	17	.....
June 22	Double Seal Tire Valve Co	Detroit	Valves	2	2	4	.....
Dec. 6	Doughty, W. J	Detroit	Auto repairing	9	1	10	.....
Oct. 10	Douglass & Lamson Co	Detroit	Auto accessories	165	6	171	.....
May 31	Down Town Garage	Detroit	Auto repairing, etc	12	1	13	.....
May 31	Down Town Garage	Detroit	Washing, etc	5	.....	5	.....
June 21	Doyle, Jos. J. & Co	Detroit	Heating	7	1	8	.....
Dec. 14	Doyle, Thos. J	Detroit	Auto distribution	33	6	39	.....
Oct. 30	Drinkaus Co., The	Detroit	Mouldings, etc	8	1	9	1
Nov. 16	Droste, John	Detroit	Custom clothing	2	.....	2	.....
Dec. 6	Droste, Miss R	Detroit	Millinery	.....	3	3	.....
Dec. 28	Drulard, Mrs. A	Detroit	Millinery	.....	3	3	.....
Sept. 12	Dueweke, F. E	Detroit	Grain	4	1	5	.....
April 26	Dumond Coal & Cartage Co	Detroit	Coal and cartage	4	.....	4	.....
Nov. 9	Duncan, E. L	Detroit	Millinery	.....	2	2	.....
Aug. 8	Duncan & Ferschneider	Detroit	Job printing	4	.....	4	.....
Dec. 20	Dunne, Arthur P	Detroit	Cartage	4	.....	4	.....
Aug. 17	Durand & Co	Detroit	Cleaning and dyeing	11	9	20	4
Nov. 26	D. & W. Auto Radiator Repairing Co	Detroit	Auto repairing	4	.....	4	.....
June 19	Eagle Cornice & Roofing Co	Detroit	Roofing	34	.....	34	4
June 22	Eagle Paper Box Co	Detroit	Paper boxes	8	36	44	2
Aug. 22	Eagle Printing Ink Co., The	Detroit	Printing ink	2	.....	2	1
Aug. 6	Eastern Motor Sales & Service Co	Detroit	Auto sales and repairing	14	.....	14	.....
May 25	Eastern Production Co	Detroit	Machinery	189	2	191	.....
June 14	Eastern Stone Co	Detroit	Cut stone	10	.....	10	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Aug. 30	East Side Bottling Works	Detroit	Soft drinks	9	1	10	.....
Jan. 4	East Side Cartage & Storage Co	Detroit	Cartage and storage	4	.....	4	.....
Aug. 7	East Side Coal Co	Detroit	Coal	11	.....	11	.....
Nov. 9	East Side Creamery Co	Detroit	Dairy products	87	7	94	1
Sept. 10	East Side Junk Co., The	Detroit	Junk	4	3	7	.....
Dec. 7	East Side Millinery	Detroit	Millinery	.....	2	2	.....
Sept. 11	East Side Scrap Iron & Metal Co	Detroit	Junk	5	.....	5	.....
April 18	Eaton-Clark Co	Detroit	Chemicals	9	.....	9	.....
Oct. 31	Eberts Bros	Detroit	Roofing	12	.....	12	.....
May 16	Eckliff Automatic Boiler Circulator Co.	Detroit	Circulators	6	.....	6	.....
Oct. 18	Eclipse Counterbore Co	Detroit	Tools	25	9	34	1
June 25	Eclipse Counterbore Co	Detroit	Tools	17	1	18	.....
Nov. 26	Eclipse Welding & Cutting Works	Detroit	Welding	3	.....	3	.....
Nov. 21	Economy Machine & Tool Co	Detroit	Tools, dies and jigs	15	.....	15	.....
Nov. 14	Eddy-Frost Co	Detroit	Millinery	.....	6	6	.....
Oct. 18	Edgar, W. H. & Son	Detroit	Sugar and syrup	24	.....	24	.....
Oct. 18	Edgar's Sugar House	Detroit	Sugar	116	17	133	3
May 25	Edmonds & Fulton Co., The	Detroit	Screws	16	.....	16	3
July 10	Edmunds & Jones Corporation	Detroit	Auto lamps	584	118	702	1
Aug. 9	Edwards Mfg. Co	Detroit	Bindings	8	3	11	.....
Aug. 8	Effron Coal & Coke Co	Detroit	Coal and coke	8	1	9	.....
Aug. 15	Egle Bros. Mfg. Co	Detroit	Brick	14	.....	14	.....
Dec. 7	Eisemann Magneto Co., The	Detroit	Magnetoes	6	1	7	.....
Aug. 28	Ekhardt & Becker	Detroit	Beer	53	2	55	.....
July 5	Electric Depot Co	Detroit	Freight	218	.....	218	.....
Aug. 8	Electrograph Co., The	Detroit	Printing	3	5	8	1
June 14	Electro Gravure Co	Detroit	Photo engraving	6	.....	6	.....
Dec. 3	Elias-Modes	Detroit	Ladies' tailoring	3	2	5	.....
Nov. 8	Elite Laundry	Detroit	Laundry	7	14	21	.....
Nov. 5	Elizabeth Garage Annex	Detroit	Auto repairing	7	.....	7	.....
May 23	Elliott Woodworker Co., The	Detroit	Machinery	11	1	12	1
June 20	Elmer's Garage	Detroit	Auto repairing	5	.....	5	.....
April 26	Emerson, Wm. H. & Sons	Detroit	Separators	11	7	18	.....
Aug. 30	Empire Laundry Co	Detroit	Laundry	16	52	68	.....
Dec. 5	Emporium World Millinery	Detroit	Millinery	3	23	26	.....
April 26	England Mfg. Co	Detroit	Automobile parts	145	1	146	.....
May 29	Englander, J. A. & Son	Detroit	Hats	5	15	20	.....
Nov. 12	English Woolen Mills Co., Inc., The	Detroit	Tailoring	27	9	36	.....
Aug. 27	Enterprise Foundry Co	Detroit	Castings	176	.....	176	.....
April 24	Enterprise Electro Plating & Mfg. Co.	Detroit	Electro plating	22	1	23	2
Dec. 18	Eppinger, Lou J. Co., The	Detroit	Furs	2	4	6	.....
Oct. 31	Erdman-Guider Co	Detroit	Auto repairing	72	4	76	.....
Dec. 3	Ernst Bros. Co	Detroit	Plumbing	104	4	108	.....
April 15	Essex, G. B. Brass Co., The	Detroit	Brass goods	63	2	65	.....
Dec. 4	Essex-Mitchell Millinery	Detroit	Millinery	.....	5	5	.....
June 7	Esterling, Chas. J. Printing Co	Detroit	Job printing	15	2	17	1
May 28	Eureka Garment Cleaning & Dyeing Co	Detroit	Cleaning and dyeing	3	1	4	.....
Oct. 22	Eureka Japanning Co	Detroit	Japanning	2	.....	2	.....
Aug. 14	Evans-Winter-Hebb, Inc	Detroit	Printing and engraving	89	19	108	4
April 20	Evening News Association, The	Detroit	Printing	397	50	447	6
Aug. 14	Everitt Bros	Detroit	Painting	267	40	307	3
Nov. 19	Excelsior Tool & Gauge Co	Detroit	Machine repairing	25	1	26	2
Dec. 3	Exide Battery Depots, Inc	Detroit	Auto batteries	35	5	40	5
June 2	Fairbanks, Morse & Co	Detroit	Scales, etc	13	3	16	.....
Dec. 20	Fairview Pumping Station	Detroit	Sewer pumping	11	.....	11	.....
Dec. 4	Faltis Market Co	Detroit	Poultry	22	2	24	.....
Dec. 6	Famabella Co., Inc., The	Detroit	Food products	3	2	5	.....
Sept. 19	Fame Laundry Co., The	Detroit	Laundry	15	58	73	.....
Nov. 22	Famous Hand Laundry, The	Detroit	Laundry	4	1	5	.....
Oct. 22	Famous Shoe Repair Co	Detroit	Shoe repairing	12	.....	12	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Jan. 8	Fangert, H. & Co.	Detroit	Auto repairing	7	.....	7	.....
April 25	Farin Bros.	Detroit	Sheet metal	9	.....	9	1
July 13	Farrand, Wm. R.	Detroit	Storage	6	.....	6	.....
Nov. 28	Farrell, James M.	Detroit	Furs	4	5	9	1
Dec. 6	Fashion Garage, Inc.	Detroit	Auto repairing	6	1	7	.....
Dec. 6	Fashion Millinery	Detroit	Millinery	.....	3	3	.....
Dec. 11	Fay Millinery	Detroit	Millinery	.....	2	2	.....
Dec. 28	Federal Auto Top Co.	Detroit	Auto tops	2	1	3	.....
Oct. 10	Federal Brass Works	Detroit	Brass goods	82	2	84	.....
April 26	Federal Motor Truck Co.	Detroit	Motor trucks	480	40	520	.....
Oct. 1	Feerer Sanitary Wiping Cloth Co.	Detroit	Wiping cloths	7	12	19	.....
Sept. 10	Feigenson Bros.	Detroit	Mineral water	13	1	14	1
Sept. 7	Feldstein, J.	Detroit	Junk	6	3	9	.....
July 20	Feldstein, J. M.	Detroit	Soft drinks	5	1	6	.....
Dec. 27	Fellrath, John	Detroit	Coal and coke	5	.....	5	.....
May 14	Fentress-Newton Mfg. Co.	Detroit	Motorcycle accessories	11	1	12	.....
Sept. 19	Fenwick Laundry Co.	Detroit	Laundry	9	21	30	.....
April 27	Ferro Stamping & Mfg. Co.	Detroit	Metal stamping	81	.....	81	.....
June 11	Ferris-Crane Printing Co., The	Detroit	Job printing	4	1	5	.....
July 7	Ferry, D. M. & Co.	Detroit	Seeds	252	321	573	.....
Oct. 24	Fibre Package Co., The	Detroit	Corrugated boxes	21	8	29	.....
May 1	Fiferlik, A. J.	Detroit	Custom clothing	3	1	4	.....
Aug. 22	Finck, W. M. & Co.	Detroit	Garments	63	633	696	8
Oct. 11	Finley, Nathan & Co.	Detroit	Custom clothing	3	3	6	.....
April 13	Fire Protection Co., The	Detroit	Fire doors	7	.....	7	.....
Dec. 7	Firestone Tires & Rubber Co.	Detroit	Auto repairing	36	16	52	.....
April 18	Firstnaw & Hart	Detroit	Auto painting	28	.....	28	.....
Sept. 28	Fisher Body Corporation	Detroit	Auto bodies	1,376	1	1,377	.....
Oct. 12	Fisher Body Corporation	Detroit	Auto bodies	1,790	39	1,829	.....
Oct. 8	Fisher Body Corporation	Detroit	Auto bodies	2,338	21	2,359	.....
Oct. 8	Fisher Body Corporation	Detroit	Auto bodies	424	.....	424	.....
Oct. 11	Fisher Body Corporation	Detroit	Auto bodies	246	13	259	.....
Oct. 15	Fisher Body Corporation	Detroit	Auto bodies	702	.....	702	.....
Oct. 29	Fisher Electrical Works	Detroit	Motors	60	3	63	.....
June 4	Fisher, J. C.	Detroit	Wagons	3	.....	3	.....
May 28	Fisk Rubber Co., The	Detroit	Auto tires	16	5	21	.....
Nov. 28	Five Dollar Hat Shop	Detroit	Millinery	.....	4	4	.....
Nov. 26	Five Eighteen Garage	Detroit	Auto repairing	5	1	6	.....
Oct. 16	Flanders Co., The	Detroit	Preservers	7	3	10	.....
May 18	Flannery, Homer	Detroit	Blacksmithing	2	.....	2	.....
May 23	Fleischmann Co., The	Detroit	Yeast	17	12	29	.....
April 12	Fleming, Wm.	Detroit	Blacksmithing	3	.....	3	.....
Dec. 28	Flower-Stephens Mfg. Co.	Detroit	Castings, etc.	233	3	236	.....
Nov. 20	Flynn, M. B.	Detroit	Millinery	.....	3	3	.....
Nov. 16	Fogarty, John Cartage Co.	Detroit	Trucking	18	.....	18	.....
Aug. 29	Foley, Eugene J.	Detroit	Candy	3	7	10	.....
Nov. 23	Foley, W. E.	Detroit	Candy	2	1	3	.....
June 19	Follansbee Bros. Co.	Detroit	Sheet metal	5	1	6	.....
Oct. 22	Ford Motor Co.	Detroit	Automobiles	108	6	114	.....
Nov. 8	Ford & Sharplin	Detroit	Blacksmithing	4	.....	4	.....
June 14	Forest Sign Shop	Detroit	Signs	4	.....	4	.....
Dec. 19	Forman, Thos. Co.	Detroit	Flooring	102	.....	102	3
May 21	Forrester, L. W. Co.	Detroit	Plumbing	10	.....	10	.....
May 28	Fort Street Cleaners & Dyers	Detroit	Cleaning and dyeing	3	.....	3	.....
Mar. 21	Foster Chemical Co.	Detroit	Chemicals	6	.....	6	.....
Sept. 7	Foster Motor Sales Co.	Detroit	Auto repairing	8	.....	8	.....
Oct. 19	Foundry & Machine Products Co.	Detroit	Castings	419	2	421	3
Jan. 8	Foundry & Machine Products Co.	Detroit	Machinery	62	1	63	.....
July 6	Fox, Maurice W. & Co.	Detroit	Auto repairing	22	.....	22	.....
April 26	Fox, Wm. Elevator Co.	Detroit	Elevators	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Dec. 5	Frances Shop, The	Detroit	Millinery	.....	1	1	.....
Oct. 16	Frank Bros. Iron & Metal Co	Detroit	Scrap metal	6	1	7	.....
June 19	Franklin Press, The	Detroit	Printing	64	24	88	6
May 3	Frazer Paint Co	Detroit	Paints	11	2	13	2
Oct. 29	Freda, Madame	Detroit	Millinery	.....	3	3	.....
Nov. 20	French Shop, The	Detroit	Dressmaking	.....	6	6	.....
May 16	Friesema Bros. Printing Co	Detroit	Job printing	41	27	68	.....
Dec. 26	Froehlin, H. & Son	Detroit	Meats	3	.....	3	.....
May 23	Frohlich Glass Co., The	Detroit	Glass, etc	43	2	45	.....
June 22	Fruchey Machine Co	Detroit	Auto parts	27	1	28	.....
Aug. 21	Fruehauf Trailer Co	Detroit	Auto trailers	34	1	35	.....
Oct. 18	Fuller Co., The	Detroit	Repairing	5	.....	5	.....
Dec. 6	Fuller's Millinery	Detroit	Millinery	.....	3	3	.....
Dec. 31	Fullington, G. H	Detroit	Auto parts	7	1	8	.....
May 8	Fulton Iron Works	Detroit	Hardware specialties	8	.....	8	.....
April 11	Fulton, Jno. J	Detroit	Chemicals	1	2	3	.....
Dec. 19	Funke, D. C. Bottling Works	Detroit	Soft drinks	5	.....	5	.....
Sept. 17	Fynda, John & Bros	Detroit	Beer	25	.....	25	.....
Oct. 29	Gabel Creamery Co	Detroit	Dairy products	23	1	24	.....
Aug. 17	Gabriel Reinforcement Co	Detroit	Steel	36	.....	36	.....
Aug. 7	Gagnier Stereotype Foundry	Detroit	Stereotyping	5	2	7	.....
Dec. 18	Gale, W. D., Inc	Detroit	Contracting	15	1	16	.....
June 21	Gallagher, E. B. & Co	Detroit	Crushed fruits	16	8	24	.....
Sept. 12	Gallow & Greenbaum Co	Detroit	Junk	54	.....	54	.....
May 17	Garden Court Garage	Detroit	Auto repairing	22	1	23	.....
Sept. 17	Gardulski, Edward S	Detroit	Meats	19	.....	19	.....
Aug. 8	Garofalo Macaroni Mfg. Co	Detroit	Macaroni	8	.....	8	.....
June 19	Garrett, F. J	Detroit	Blacksmithing	3	.....	3	.....
Oct. 11	Garrick Press, The	Detroit	Job printing	4	.....	4	.....
May 28	Garton-Fisher-Wills Co	Detroit	Hats	5	21	26	.....
July 13	Gas Oil Stove Co	Detroit	Stoves	76	.....	76	5
Nov. 20	Gately Clothing Co	Detroit	Clothing	4	1	5	.....
Dec. 31	Gaugler, M	Detroit	Baked goods	5	2	7	.....
Sept. 25	Gear Grinding Machine Co	Detroit	Gear grinding	141	2	143	.....
May 10	Geelhood Bros	Detroit	Engraving	10	1	11	1
Nov. 16	Gehlert Coffee Co	Detroit	Coffee	7	3	10	.....
Jan. 2	Geisler, F. H	Detroit	Plumbing	5	.....	5	.....
Sept. 18	Geller's Livery	Detroit	Livery service	4	.....	4	.....
July 26	Gemmer Mfg. Co	Detroit	Auto parts	535	14	549	.....
June 8	General Aeroplane Co	Detroit	Aeroplanes	9	1	10	.....
Oct. 15	General Aluminum & Brass Mfg. Co	Detroit	Castings	682	85	767	35
Nov. 9	General Auto & Tire Co	Detroit	Tire repairing	3	.....	3	.....
Oct. 25	General Baking Co	Detroit	Baked goods	153	8	161	.....
April 27	General Builders' Supply Co	Detroit	Builders' supplies	27	2	29	.....
Aug. 10	General Film Co	Detroit	Films	5	6	11	.....
June 14	General Garage Co	Detroit	Auto repairing	10	.....	10	.....
Aug. 1	General Ice Delivery Co	Detroit	Coal and ice	786	17	803	.....
Oct. 19	General Spring & Wire Co	Detroit	Wire springs	92	2	94	2
Dec. 21	Gerisch, A. C	Detroit	Meats	3	.....	3	.....
May 1	Gerisch, A. F	Detroit	Baked goods	3	1	4	.....
Dec. 19	Gerisch, Adolph G	Detroit	Meats	8	.....	8	.....
Oct. 23	German-American Supply Co	Detroit	Furniture and rugs	12	1	13	.....
June 20	G. & G. Mfg. Co	Detroit	Auto parts	41	.....	41	.....
April 13	Giern & Anholtt	Detroit	Tools	38	.....	38	1
June 11	Gies Gear Co	Detroit	Gears	20	1	21	.....
Sept. 4	Gitre Coal Co	Detroit	Coal	16	.....	16	.....
Sept. 19	Glasser & Hoffman	Detroit	Plumbing	6	.....	6	.....
Nov. 21	Globe House Furnishing Co	Detroit	Storage	7	.....	7	.....
May 31	Globe Pattern Works	Detroit	Patterns	7	.....	7	1
Jan. 9	Globe Sheet Metal Co	Detroit	Sheet metal	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
June 7	Gloor-Garman Co	Detroit	Tools, etc	25	.....	25	.....
Oct. 9	Gmeiner, J. Co., The	Detroit	Jewelry	5	.....	5	.....
Aug. 10	Godfrey, A. & Co	Detroit	Photographing	3	.....	3	.....
Aug. 16	Godfrey, David F	Detroit	Auto painting, etc	21	.....	21	.....
June 6	Goebel Brewing Co., The	Detroit	Beer	178	26	204	.....
Jan. 4	Goff Bros	Detroit	Sales and auto repairing	4	.....	4	.....
Nov. 20	Goldberg, S	Detroit	Millinery	.....	2	2	.....
May 18	Golden, Belknap & Swartz Co	Detroit	Motors	125	5	130	1
Nov. 23	Golden, Lewis Co	Detroit	Custom clothing	12	10	22	.....
Sept. 14	Golden Storage & Cartage Co	Detroit	Storage	20	2	22	.....
Aug. 29	Goldfaden, Louis	Detroit	Sheet metal	2	.....	2	.....
Nov. 8	Goodnow & Blake Mfg. Co	Detroit	Metal spinning	10	1	11	.....
Nov. 8	Goodnow Power Block	Detroit	Power	2	.....	2	.....
Dec. 5	Goodrich, B. F. Rubber Co., The	Detroit	Rubber tires	69	25	94	1
Oct. 9	Goodspeed-Detroit Mfg. Co	Detroit	Auto parts	36	1	37	.....
June 18	Gordon-Chapman Co., The	Detroit	Mattresses	11	5	16	.....
Dec. 4	Gordon, Mrs. F. B	Detroit	Millinery	.....	2	2	.....
Oct. 22	Gordon-Pagel Co	Detroit	Baked goods	353	11	364	5
April 11	Goss, J. C. Co., The	Detroit	Awnings, tents, etc	62	35	97	2
July 19	Grace Harbor Lumber Co	Detroit	Lumber	14	.....	14	.....
Jan. 28	Grace Harbor Lumber Co	Detroit	Lumber	22	.....	22	.....
Aug. 2	Grace Harbor Lumber Co	Detroit	Lumber	42	1	43	.....
Nov. 9	Grace Hospital, The	Detroit	Laundry	39	57	96	.....
Aug. 6	Graebert & Sons	Detroit	Brass goods	4	.....	4	.....
Nov. 14	Graf, Franz	Detroit	Ladies' tailoring	1	2	3	.....
Aug. 14	Graham, Samuel	Detroit	Plumbing	2	.....	2	.....
April 12	Graham, Wm. Printing Co	Detroit	Job printing	34	9	43	1
Nov. 9	Grand Laundry, The	Detroit	Laundry	47	175	222	.....
Oct. 2	Grand Rapids Blow Pipe Co	Detroit	Blow pipes	37	1	38	.....
May 4	Grand Trunk Railway System	Detroit	Freight	10	.....	10	.....
May 25	Grand Trunk Railway System	Detroit	Freight	6	.....	6	.....
Aug. 21	Grand Trunk Railway System	Detroit	Freight	28	.....	28	3
Oct. 10	Grand Trunk Railway System	Detroit	Freight	6	.....	6	.....
June 6	Grant Bros. Foundry Co., Inc	Detroit	Castings	53	.....	53	.....
Nov. 30	Grant Glove & Mfg. Co	Detroit	Gloves	1	7	8	.....
April 20	Grant Iron & Metal Co	Detroit	Scrap metal	42	.....	42	.....
May 15	Grant Silver Plating Co	Detroit	Electro plating	5	.....	5	.....
Jan. 2	Grasser Motor Co	Detroit	Auto repairing	23	.....	23	.....
Sept. 27	Grasselli Chemical Co., The	Detroit	Chemicals	9	2	11	.....
Aug. 10	Gratiot Lumber & Coal Co., The	Detroit	Coal and lumber	18	2	20	.....
May 18	Graton & Knight Mfg. Co	Detroit	Belting	10	1	11	2
Oct. 22	Gray Electric Co	Detroit	Electrical supplies	53	2	55	.....
Dec. 20	Gray Furniture Co	Detroit	Repairing	21	3	24	.....
May 17	Gray-Hawley Mfg. Co	Detroit	Motor accessories	78	.....	78	.....
May 1	Greater Detroit Westward	Detroit	Printed matter	4	.....	4	.....
May 3	Great Lakes Engineering Works	Detroit	Marine engines	234	4	238	2
Aug. 16	Green, Geo. & Co	Detroit	Printing	8	.....	8	.....
June 13	Greenberg, V	Detroit	Tailoring	4	3	7	.....
Dec. 27	Greenbaum, Mrs. C	Detroit	Millinery	.....	3	3	.....
June 20	Greenbaum Mfg. Co	Detroit	Skirts	5	10	15	1
Dec. 18	Greenslade Oil Co	Detroit	Oils	13	.....	13	.....
June 4	Greenwood-Atkinson-Armstrong Co., The	Detroit	Uniforms	25	21	46	.....
Nov. 27	Greenwood Mfg. Co., The	Detroit	Plumbing	3	.....	3	.....
Sept. 25	Gregory, Mayer & Thom Co	Detroit	Job printing	215	58	273	10
Nov. 26	Greissell-Gitsen Co., The	Detroit	Baked goods	18	4	22	.....
Aug. 31	Grennan's Cake Bakeries	Detroit	Baked goods	15	21	36	.....
June 6	Gretz Bros. Bread Co	Detroit	Baked goods	23	1	24	.....
June 18	Griffin Wheel Co	Detroit	Car wheels	87	1	88	.....
Nov. 14	Griffith, A. E	Detroit	Custom clothing	4	.....	4	.....
April 20	Grigg-Hanna Co	Detroit	Boxes	109	2	111	16

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Oct. 23	Grinnell Bros.	Detroit	Piano repairing	46	.....	46	.....
Nov. 27	Grinnell Bros.	Detroit	Musical instruments	21	4	25	.....
Oct. 4	Griswold Motor & Body Co.	Detroit	Auto bodies	158	.....	158	.....
Aug. 7	Griswold Press, The	Detroit	Printed matter	30	7	37	.....
Oct. 11	Griswold Shoe Repair Co.	Detroit	Shoe repairing	3	.....	3	.....
Dec. 19	Groll, Edward	Detroit	Blacksmithing	5	.....	5	.....
Dec. 19	Grose, Robert A.	Detroit	Blacksmithing	2	.....	2	.....
Nov. 22	Gross & Clarke	Detroit	Millinery	.....	3	3	.....
Jan. 7	Grossman & Harris	Detroit	Junk	4	1	5	.....
May 8	Grover Bros. & Wood	Detroit	Cash carriers	3	.....	3	.....
Aug. 14	Grover & McMurdie	Detroit	Coal and coke	6	.....	6	.....
Sept. 14	G. S. & G. Machine Co., Inc.	Detroit	Auto parts	7	1	8	.....
June 12	Guaranty Raincoat Co., The	Detroit	Rain coats	5	2	7	.....
July 13	Guardian Frigerator Co., The	Detroit	Frigerator machines	7	.....	7	.....
May 17	Guillos, S. J. & Son	Detroit	Furnaces	5	.....	5	.....
Dec. 4	Guindon, Mademoiselle	Detroit	Dressmaking	.....	4	4	.....
Aug. 23	Gutow, Herman	Detroit	Interior finish	9	.....	9	.....
Nov. 30	Gutsch, R. C. & Son	Detroit	Coal, wood and coke	10	.....	10	.....
Dec. 4	Gutterman, J.	Detroit	Ladies' tailoring	2	1	3	.....
Nov. 20	Guy, T. S. Bakery, The	Detroit	Baked goods	9	3	12	.....
July 21	Gypsite Fireproofing Co.	Detroit	Fireproofing	22	.....	22	.....
Nov. 23	Haap & Glaser	Detroit	Engraving	5	.....	5	.....
Oct. 16	Haberkorn, C. H. & Co.	Detroit	Tables, etc.	167	10	177	2
Aug. 17	Haberkorn, J. H. A. Co.	Detroit	Interior finish	81	.....	81	.....
May 16	Hafenfeld Bros.	Detroit	Electric wiring	5	.....	5	.....
Jan. 9	Haggerty, John S.	Detroit	Brick	49	1	50	5
Sept. 4	Haggerty, John S.	Detroit	Brick	93	1	94	.....
July 25	Hahn, H. L. Co.	Detroit	Lumber and coal	5	.....	5	.....
Aug. 27	Hahn Machine & Specialty Co.	Detroit	Tools	10	.....	10	.....
April 17	Hall Brasing Works	Detroit	Welding	5	.....	5	.....
Sept. 24	Hall, C. M. Lamp Co.	Detroit	Auto lamps	152	24	176	.....
Oct. 31	Hall, Frank	Detroit	Blacksmithing	3	.....	3	.....
Nov. 14	Halliday, Frank J.	Detroit	Storage	5	.....	5	.....
Sept. 5	Halsig, Theodore & Sons	Detroit	Trucks and wagons	4	.....	4	.....
Aug. 29	Hamilton Carhartt Cotton Mills	Detroit	Overalls	29	415	444	2
Aug. 28	Hammond, Standish & Co.	Detroit	Meats	26	.....	26	.....
July 23	Hammond, Standish & Co.	Detroit	Meats	481	16	497	15
Nov. 20	Hamper Shop, The	Detroit	Ladies' tailoring	.....	2	2	.....
Nov. 2	Hampton & Holland	Detroit	Wagons	12	.....	12	.....
May 8	Handford-Jesse Printing Co.	Detroit	Printing	7	2	9	1
June 22	Hanes, C. W. Co., Inc.	Detroit	Electrical supplies	21	1	22	.....
Dec. 6	Hangstefer, Mrs. E.	Detroit	Millinery	.....	2	2	.....
April 20	Hanna, Chas. J.	Detroit	Interior finish	20	1	21	.....
Jan. 4	Hanna, Fred Lumber Co.	Detroit	Interior finish	24	1	25	.....
Aug. 1	Hanna, John	Detroit	Picture framing	4	.....	4	.....
July 13	Hanson Tool & Die Co.	Detroit	Tools and dies	40	.....	40	.....
Dec. 5	Hanwood Tire & Repair Co.	Detroit	Tires and repairing	7	1	8	.....
Sept. 13	Harcus & Co.	Detroit	Interior finish	91	1	92	.....
Jan. 7	Hardy, C. M. Co.	Detroit	Engraving	6	3	9	1
May 23	Harland, Geo. Co., The	Detroit	Job printing	6	4	10	2
Nov. 9	Harper Hospital	Detroit	Laundry	5	16	21	.....
Oct. 30	Harrigan & Reid Co.	Detroit	Plumbing	61	4	65	.....
Aug. 17	Harrington, Thos.	Detroit	Cartage	19	2	21	.....
June 7	Harris Cartage Co.	Detroit	Auto cartage	6	.....	6	.....
Nov. 20	Harris, Don M., Inc.	Detroit	Motor truck sales	15	1	16	2
Nov. 5	Harris Electric Garment Cleaning Co.	Detroit	Cleaning, etc.	9	3	12	.....
Aug. 6	Harris, Howard G. Co.	Detroit	Electro plating	14	2	16	.....
Nov. 22	Harris Millinery Supply Shop	Detroit	Millinery	1	3	4	.....
July 27	Harrison, F. W.	Detroit	Coal	5	.....	5	.....
Sept. 10	Harrison Radiator Corporation	Detroit	Auto repairing	5	.....	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Aug. 17	Harroun, Edward C.	Detroit	Plumbing	8	.....	8	.....
May 21	Harroun Motors Corporation	Detroit	Auto sales	22	4	26	.....
April 19	Harry Bros. Mfg. Co.	Detroit	Metal stampings	110	2	112	.....
Nov. 20	Hartge, Jos. G.	Detroit	Sheet metal	4	1	5	.....
Nov. 8	Hartsell, Mme. Alice	Detroit	Dressmaking	.....	5	5	.....
July 13	Hartwick Lumber Co.	Detroit	Lumber	62	2	64	.....
Oct. 24	Hartwick Lumber Co.	Detroit	Lumber	24	3	27	.....
Dec. 21	Harts, J. F. Co., The	Detroit	Surgical supplies	28	9	37	3
April 23	Harvey's, A. Sons Mfg. Co., Ltd.	Detroit	Steam goods	87	.....	87	1
Aug. 10	Hasse, J. C. & Son	Detroit	Custom clothing	11	7	18	.....
June 18	Hasty, J. F. & Sons	Detroit	Cooperage	27	1	28	.....
July 5	Hatt, Geo. & Son Co.	Detroit	Cleaning and pressing	3	.....	3	.....
April 27	Haughton Detroit Elevator Co.	Detroit	Elevators	22	2	24	.....
Aug. 14	Hawken-Wollgast Co.	Detroit	Metal parts	16	1	17	.....
Dec. 4	Hawkins, Miss E. B.	Detroit	Ladies' tailoring	.....	12	12	.....
Nov. 5	Hayden, P. F.	Detroit	Job printing	2	1	3	.....
Dec. 5	Hayes, C. M. & Co.	Detroit	Photographing	4	7	11	.....
April 13	Hayes File Co.	Detroit	Files	13	1	14	.....
July 31	Hayes Mfg. Co.	Detroit	Auto parts	957	15	972	3
Nov. 22	Healy, Miss Laura	Detroit	Dressmaking	.....	13	13	.....
April 11	Heames, W. E. Co.	Detroit	Bakers' supplies	4	3	7	.....
June 11	Heath, Wm. C.	Detroit	Job printing	4	.....	4	.....
May 28	Hecht, Robt. C. & Son	Detroit	Sheet metal	3	.....	3	.....
Aug. 13	Heck Printing Co., The	Detroit	Printing	3	1	4	.....
June 8	Hehle Mfg. Co.	Detroit	Auto starters	9	1	10	.....
Aug. 16	Heimbuch & Son	Detroit	Cigars	12	12	24	.....
April 20	Heinz, H. J. Co.	Detroit	Food products	12	7	19	2
Sept. 7	Heins Home Bakery	Detroit	Baked goods	2	2	4	.....
May 11	Heitman Garand Co.	Detroit	Job printing	14	1	15	.....
Nov. 14	Hejka, J.	Detroit	Custom clothing	2	.....	2	.....
Nov. 28	Hekell's Moving Co.	Detroit	Storage	9	.....	9	.....
June 12	Helmich Mfg. & Plating Co.	Detroit	Electro plating	7	1	8	.....
Oct. 25	Helson, R.	Detroit	Building supplies	7	.....	7	.....
Aug. 1	Hemmeter Cigar Co., The	Detroit	Cigars	16	282	298	.....
Nov. 26	Henderson-Ames Co., The	Detroit	Society goods	1	2	3	.....
Oct. 30	Henderson, Harry H.	Detroit	Tire repairing	2	.....	2	.....
Aug. 16	Henderson, Harry H.	Detroit	Auto and bicycle repairs	7	.....	7	.....
April 24	Henry, John Truck Co.	Detroit	Trucking	14	1	15	.....
June 12	Henry, Thos. P. Linotyping Co.	Detroit	Linotyping	15	12	27	.....
May 15	Hensien Mfg. Co.	Detroit	Sheet metal	13	2	15	.....
July 16	Hensley Trolley & Mfg. Co., The	Detroit	Castings	12	.....	12	.....
Dec. 4	Hergenroeder, J. & Sons	Detroit	Auto repairing	8	.....	8	.....
May 2	Herold Printing Co.	Detroit	Printing	9	2	11	.....
Oct. 15	Herpicide Co, The	Detroit	Drugs	8	15	23	.....
May 16	Herts, C. F., Saw Supply Co.	Detroit	Saws	2	.....	2	.....
May 25	Hewitt Sales Co., The	Detroit	Metal	2	1	3	.....
Jan. 7	Heymoss, Geo. & Sons	Detroit	Blacksmithing	6	.....	6	.....
Dec. 3	Heyns' Bazaar Millinery	Detroit	Millinery	1	18	19	.....
Dec. 7	Hicks, G. E.	Detroit	Millinery	.....	2	2	.....
Aug. 1	Hielecher, Wm. E.	Detroit	Wire work	5	.....	5	.....
Dec. 4	Hill, W. H. Co.	Detroit	Drugs	12	43	55	.....
June 14	Hilton, Hart & Garrett Co.	Detroit	Stationery	36	36	72	3
Oct. 2	Hine Lumber Co.	Detroit	Lumber	19	1	20	.....
Dec. 31	Hines, H. C. & Co.	Detroit	Sheet metal	7	.....	7	.....
Dec. 31	Hines, Thos. Mfg. Co.	Detroit	Auto parts	23	1	24	.....
June 9	H. L. & W. Sales & Mfg. Co., The	Detroit	Tools, etc.	27	1	28	.....
Oct. 10	Hobart, H. M. & Son	Detroit	Grain	9	.....	9	.....
Dec. 27	Hock, E. G.	Detroit	Dressmaking	6	66	72	.....
Jan. 4	Hock, John	Detroit	Tesming	33	.....	33	.....
Nov. 1	Hodde Bros.	Detroit	Beer	8	.....	8	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
July 11	Hoensheid Steel Treating Co	Detroit	Heat treating of steel	6	.....	6	.....
Aug. 29	Hoffman, H	Detroit	Baked goods	8	.....	8	.....
Oct. 4	Hoffmann Mfg. Co., The	Detroit	Furniture	15	.....	15	.....
Jan. 8	Holland Trailer Co	Detroit	Auto trailers	1	.....	1	.....
Sept. 17	Holley Bros. Co	Detroit	Carburetors	366	12	378	.....
June 4	Holliday Box Co	Detroit	Paper boxes	42	70	112	8
Oct. 1	Holmes, Arthur L. Lumber & Fuel Co	Detroit	Lumber	50	3	53	.....
May 11	Holmes, Arthur L. Lumber & Fuel Co	Detroit	Lumber	12	.....	12	.....
July 20	Holmes, F. B. & Co	Detroit	Brick	9	.....	9	.....
Oct. 31	Holmes, Fred E. Co	Detroit	Auto & factory material	18	3	21	.....
Oct. 15	Holmes & Jaynes	Detroit	Implements	5	.....	5	.....
Dec. 26	Home Candy Works, The	Detroit	Candy	25	4	29	2
Dec. 17	Home Laundry	Detroit	Laundry	4	.....	4	.....
May 23	Horger Bros	Detroit	Hay and grain	3	.....	3	.....
Nov. 1	Horton-Cato Mfg. Co	Detroit	Food products	15	27	42	.....
Aug. 3	Hosbach, Henry J. & Sons	Detroit	Upholstering	10	.....	10	.....
Aug. 1	Hoskins Mfg. Co	Detroit	Furnaces	129	6	135	4
Nov. 9	Hough Mfg. Co	Detroit	Galvanized iron	8	.....	8	.....
Sept. 14	Houghten-French Coal Co	Detroit	Coal	29	2	31	.....
July 26	Houghton, William C	Detroit	Coal and coke	14	.....	14	.....
May 26	House of Providence	Detroit	Laundry	5	11	16	.....
Aug. 30	House of the Good Shepherd	Detroit	Laundry	3	106	109	.....
Aug. 30	House of the Good Shepherd	Detroit	Power	3	.....	3	.....
Aug. 30	House of the Good Shepherd	Detroit	Fancy goods	.....	31	31	.....
Aug. 30	House of the Good Shepherd	Detroit	Clothing, etc	.....	32	32	.....
June 4	Hovey, Geo. W	Detroit	Candy, etc	2	6	8	.....
May 4	Howarn Cigar Co	Detroit	Cigars	5	7	12	.....
Jan. 4	Howells, Walter	Detroit	Machine repairing	4	.....	4	.....
June 12	Howe-Marts Glass Co	Detroit	Mirrors	16	.....	16	.....
June 15	Howe Printing Co	Detroit	Job printing	11	2	13	1
Jan. 7	Howick, J. H	Detroit	Auto painting, etc	6	1	7	.....
June 21	Howie-Berndt Glass Co	Detroit	Glazing	11	1	12	.....
Nov. 22	Howie Co., The	Detroit	Sheet metal	94	3	97	.....
Nov. 19	Hoyt Steam Laundry	Detroit	Laundry	14	42	56	2
April 13	H. S. H. Box Lunch Co., The	Detroit	Box lunches	10	2	12	8
May 4	Huber & Son	Detroit	Baked goods	2	1	3	.....
Aug. 7	Hudson Lumber Co	Detroit	Lumber	20	1	21	.....
July 18	Hudson Motor Car Co	Detroit	Automobiles	4,350	244	4,594	32
Sept. 6	Huebner Mfg. Co	Detroit	Sash and doors	105	.....	105	.....
Oct. 25	Huebner Screen Door Co	Detroit	Screen doors	13	.....	13	.....
June 20	Hughes Gelatine Co	Detroit	Gelatine	2	1	3	.....
Oct. 12	Hughes, J. W	Detroit	Photographing	7	7	14	.....
Aug. 29	Humphry, L. W	Detroit	Baked goods	2	1	3	.....
Sept. 24	Hunton & Weeks	Detroit	Lumber	10	.....	10	.....
May 24	Hunton & Weeks	Detroit	Lumber	9	.....	9	.....
July 25	Hunt, H. J. Show Case Co	Detroit	Show cases	17	1	18	.....
Sept. 6	Hupp Motor Car Corporation	Detroit	Automobiles	1,501	135	1,636	50
April 12	Hupprich, A	Detroit	Flower pots	7	.....	7	.....
Aug. 28	Hurd, W. F. Co	Detroit	Interior finish	83	4	87	3
Nov. 27	Hurley, Henry F	Detroit	Electrical repairing	3	.....	3	.....
Aug. 15	Hurley, J. & T	Detroit	Coal	14	.....	14	.....
July 26	Hurley, J. & T	Detroit	Coal and coke	39	.....	39	.....
Jan. 3	Hurley, Thos. J	Detroit	Plumbing	4	.....	4	.....
April 18	Huron Portland Cement Co	Detroit	Cement	15	.....	15	.....
May 24	Huron Radiator & Lamp Co	Detroit	Radiators	4	.....	4	.....
Sept. 13	Huron Rubber Stamp Works	Detroit	Rubber stamps	3	.....	3	.....
May 29	Hurst Garage	Detroit	Auto repairing	10	1	11	.....
Nov. 20	Huss, W. H. Co., The	Detroit	Custom clothing	13	3	16	.....
Aug. 6	Hussey, M. H. Lumber Co	Detroit	Lumber	13	1	14	.....
June 7	Hutton, Robt. & Co	Detroit	Sheet metal	15	1	16	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Nov. 29	Hyde, Andrew	Detroit	Millinery	1	3	4	.....
April 11	Ideal Carpet Cleaning & Rug Works, The	Detroit	Cleaning and rugs	3	.....	3	.....
May 15	Ideal Metallic Furniture Co	Detroit	Metallic furniture	7	1	8	.....
April 10	Ideal Stamp Works	Detroit	Engraving	4	.....	4	.....
Nov. 28	Ideal Waist Shop	Detroit	Waists	.....	5	5	.....
May 10	Illuminating Engineering Co	Detroit	Electric goods	13	4	17	.....
Nov. 23	Imlay's Garment Cleaning & Dyeing Co	Detroit	Cleaning and dyeing	12	4	16	.....
June 15	Imperial Welding Co	Detroit	Welding	8	1	9	.....
May 25	Imperial Wet Wash Laundry Co	Detroit	Laundry	5	4	9	.....
Aug. 14	Independent Bottling Works	Detroit	Soft drinks	7	1	8	.....
May 28	Independent Brewing Co., The	Detroit	Beer	40	.....	40	.....
Aug. 30	Independent Creamery	Detroit	Dairy products	8	.....	8	2
April 27	Indian Refining Co	Detroit	Oils	9	.....	9	.....
July 13	India Palmetto Brush Co	Detroit	Brushes	11	11	22	.....
June 21	Indian Village Garage	Detroit	Auto repairing	7	.....	7	.....
June 21	Industrial Electric Mfg. Co	Detroit	Tools and dies	14	1	15	1
May 29	Industrial Printing Co	Detroit	Job printing	3	.....	3	.....
May 8	Inglis, Wm. Wire & Iron Works	Detroit	Wire and iron works	39	2	41	4
Dec. 26	Ingram & Ferguson	Detroit	Auto painting	10	.....	10	.....
Nov. 20	Ingram, Frederick F. Co	Detroit	Drugs	18	43	61	.....
Aug. 20	Initial Tool Co., The	Detroit	Tools	2	.....	2	.....
June 7	Inland-Delray Salt Co	Detroit	Salt	57	12	69	.....
May 14	Inland Metals Products Co	Detroit	Metal products	20	3	23	.....
June 9	Instant Fire Escape & Mfg. Co	Detroit	Fire escapes	2	1	3	.....
April 18	Insulating Materials Co	Detroit	Waxes	8	.....	8	.....
May 21	Interior Lumber Co	Detroit	Interior finish	14	2	16	.....
April 26	International Color Chemical Co., Inc	Detroit	Chemicals	5	.....	5	.....
Aug. 30	International Metal Stamping Co	Detroit	Metal stampings	84	1	85	.....
June 1	Ireland & Matthews Mfg. Co., The	Detroit	Sheet metal	440	68	508	12
Sept. 14	Iron-Ox Remedy Co., The	Detroit	Medicine	1	1	2	.....
Sept. 7	Irvine & Meier	Detroit	Plumbing	29	.....	29	.....
Nov. 23	Irving Shop, The	Detroit	Millinery	1	7	8	.....
Aug. 29	Irwin, T. J. Candy Co	Detroit	Candy	6	10	16	.....
Sept. 7	Isko, Inc	Detroit	Refrigerators	120	.....	120	1
June 9	Israel Bros	Detroit	Hats and caps	4	.....	4	.....
Aug. 24	Italian Publishing Co., The	Detroit	Printing	5	.....	5	.....
Dec. 7	Jackson Automobile Co	Detroit	Automobiles	6	1	7	.....
Mar. 21	Jackson & Gooding	Detroit	Machinery	7	1	8	.....
Sept. 5	Jacob, M. & Sons	Detroit	Bottles	12	1	13	.....
May 3	Jacobs, F. L. Co	Detroit	Welding	30	2	32	1
May 3	Jacobs, F. L. Co	Detroit	Welding	62	.....	62	.....
Jan. 7	Jacobs, Wm	Detroit	Coal and wood	3	.....	3	.....
Sept. 25	Jacobson, I. M. & Sons Co	Detroit	Metal	11	3	14	.....
Sept. 25	Jacobson, I. M. & Sons Co	Detroit	Smelting	5	.....	5	.....
Dec. 3	Jacob & Van Wormer Co	Detroit	Draperies	4	15	19	.....
Oct. 31	Jacoby's	Detroit	Cleaning and dyeing	23	3	26	.....
Nov. 26	Jahn, E. J. Co	Detroit	Barbers' supplies	12	1	13	.....
Jan. 7	Jakubowits, A	Detroit	Baked goods	4	1	5	.....
Oct. 19	Jansen Mfg. Co	Detroit	Auto specialties	10	26	36	1
Oct. 26	Japes, Frank Co	Detroit	Sash doors and finish	22	.....	22	.....
April 24	Jefferson Auto Sales Co	Detroit	Auto repairing	4	.....	4	.....
May 17	Jefferson Garage	Detroit	Auto repairing	8	1	9	.....
May 4	Jefferson Iron Works Co., The	Detroit	Machinery	13	1	14	.....
Nov. 19	Jefferson Printing Co., The	Detroit	Job printing	2	.....	2	.....
Oct. 12	Jenks & Muir Mfg. Co	Detroit	Bedding	176	36	212	4
Dec. 3	Jennings-Cottington Co., The	Detroit	Custom clothing	4	3	7	1
May 8	Jenter Bedding Co	Detroit	Mattresses	7	1	8	.....
Nov. 16	Jewel Feather Mattress & Bed Co	Detroit	Bedding	4	.....	4	.....
May 17	Jiffy Auto Curtain Co	Detroit	Auto curtains	1	.....	1	.....
Nov. 30	Johns Bros	Detroit	Auto sales	12	.....	12	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Mar. 20	Johns, H. W.-Manville Co	Detroit	Asbestos	111	3	114	.....
Oct. 9	Johnson Co	Detroit	Carburetors	19	1	20	.....
Aug. 24	Johnson, C. W	Detroit	Printing	4	.....	4	.....
Dec. 6	Johnson, Estella M	Detroit	Millinery	.....	3	3	.....
Dec. 4	Johnson Heating Co	Detroit	Plumbing and heating	6	.....	6	.....
Jan. 2	Johnson, John Co., The	Detroit	Tents and awnings	20	9	29	2
Dec. 19	Johnson, John A	Detroit	Electric wiring	2	.....	2	.....
Aug. 9	Johnson, Larsen & Co	Detroit	Heating, etc	85	2	87	.....
Oct. 9	Johnson & Walters Mfg. Co	Detroit	Hardware	7	2	9	.....
Oct. 22	Johnson, F. G	Detroit	Brass repairing	2	.....	2	.....
Oct. 22	Johnston Optical Co	Detroit	Optical goods	64	24	88	6
Dec. 6	Jones, Miss J	Detroit	Millinery	.....	4	4	.....
July 27	Jones, John F	Detroit	Plumbing	14	.....	14	.....
Oct. 2	Jones-Regan Co	Detroit	Baked goods	35	14	49	1
Aug. 17	Jones, Thos. A	Detroit	Cigars	6	1	7	.....
Nov. 26	Jordan, Wm. F	Detroit	Custom clothing	5	1	6	.....
May 23	Joynt, R. & Sons	Detroit	Auto & wagon repairing	23	.....	23	.....
Aug. 17	Jungwirth, J. & Co	Detroit	Modeling	17	.....	17	.....
Nov. 23	Jurgensmier, R	Detroit	Ladies' tailoring	.....	3	3	.....
June 20	Kade, August	Detroit	Harness	3	.....	3	.....
April 16	Kahl, Fred'k Iron Foundry	Detroit	Castings	83	.....	83	.....
Mar. 29	Kainhuber, J	Detroit	Forgings	2	.....	2	.....
Dec. 6	Kain & Parshall	Detroit	Millinery	.....	2	2	.....
Sept. 14	Kaiser, A. F	Detroit	Baked goods	5	.....	5	.....
Aug. 7	Kaiser Laundry	Detroit	Laundry	21	61	82	.....
April 24	Kalbfleisch, A. C. & Co	Detroit	Interior finish	14	.....	14	.....
June 1	Kales Stamping Co	Detroit	Metal stampings	73	4	77	3
Dec. 27	Kamman Beef Co	Detroit	Meats	5	.....	5	.....
April 30	Kantaler, Walter P	Detroit	Plumbing	11	1	12	.....
Sept. 12	Kaplan, I	Detroit	Metal	8	1	9	.....
Aug. 14	Karle, Leonard A	Detroit	Meats	5	.....	5	.....
Aug. 9	Karle, D. Co	Detroit	Plumbing	23	1	24	.....
Sept. 17	Karolski, L. J	Detroit	Printing	2	.....	2	1
Sept. 13	Karp Coal & Ice Co	Detroit	Coal and ice	9	1	10	.....
Sept. 19	Kaufmann's, Cleaners & Dyers	Detroit	Cleaning and dyeing	25	10	35	.....
May 4	Kayser, C. G. & Co	Detroit	Plumbing	8	.....	8	.....
June 8	Keller, Chas	Detroit	Flowers	6	1	7	.....
Jan. 7	Keller, C. Co	Detroit	Contracting	30	1	31	.....
Oct. 12	Keller Heating Co	Detroit	Plumbing, etc	9	.....	9	.....
Nov. 15	Keller, Robert Ink Co., The	Detroit	Ink	6	10	16	.....
April 26	Kelly, Austin	Detroit	Printers' ink	4	1	5	.....
Nov. 9	Kelly-Springfield Motor Truck Co	Detroit	Auto repairing	5	.....	5	.....
July 12	Kelsey Wheel Co., Inc	Detroit	Auto parts	811	7	818	.....
May 15	Kelsey Wheel Co	Detroit	Wheels	1,498	10	1,508	40
May 11	Kelsey Wheel Co	Detroit	Wheels and rims	161	.....	161	3
April 26	Kelvinator Co	Detroit	Cold storage	5	.....	5	.....
Nov. 19	Kennedy & Greig Co., The	Detroit	Machinery	5	.....	5	.....
June 13	Kennedy, John H	Detroit	Plumbing	6	.....	6	.....
Nov. 23	Kennedy, L	Detroit	Dressmaking	.....	16	16	.....
May 4	Kenney Bros	Detroit	Plumbing	9	1	10	.....
Dec. 21	Keppen, W. F	Detroit	Sheet metal	2	.....	2	.....
June 13	Kermath Mfg. Co	Detroit	Marine engines	64	2	66	.....
Oct. 25	Kern, C. Brewing Co	Detroit	Beer	5	1	6	.....
Dec. 5	Kerosene Burning Carburetor Co	Detroit	Carburetors	19	.....	19	.....
May 7	Kerr Machinery & Supply Co	Detroit	Pumps	20	.....	20	1
Nov. 28	Kerwin Millinery	Detroit	Millinery	.....	7	7	.....
Dec. 19	Kessler Motor Co	Detroit	Motors	34	1	35	.....
Dec. 7	Ketchum, W. H	Detroit	Millinery	.....	2	2	.....
June 8	Keystone Tire Repair Co	Detroit	Tire repairing	3	.....	3	.....
June 13	Keystone Type Foundry	Detroit	Printers' supplies	6	4	10	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Dec. 13	Kiel, Anna	Detroit	Millinery	.....	2	2	.....
Dec. 20	Kieler, Geo. W	Detroit	Cigars	5	.....	5	.....
Aug. 14	Kimche, F	Detroit	Plumbing	5	1	6	.....
Dec. 7	King Auto Sales Co., The	Detroit	Auto repairing	15	1	16	.....
May 4	King Motor Car Co	Detroit	Automobiles	342	23	365	2
Oct. 18	King Works	Detroit	Tools	35	.....	35	1
April 26	Kinsey Mfg. Co	Detroit	Auto bodies	5	.....	5	.....
Dec. 18	Kirchler, Ernest	Detroit	Knit goods	4	15	19	.....
Dec. 20	Kirschbaum, P. & Son	Detroit	Tailoring	7	4	11	.....
June 12	Kittle, H. M. & Co	Detroit	Trunks and bags	4	.....	4	.....
Aug. 15	Klein, Max & Co	Detroit	Plumbing	10	1	11	.....
May 25	Kleitsch, M	Detroit	Baked goods	2	3	5	.....
Oct. 26	Klett & Cain	Detroit	Furniture	16	.....	16	.....
May 24	Kliesner, Klenner, Ens. Co	Detroit	Trunks	10	1	11	1
April 17	Kling, Ph. Brewing Co	Detroit	Beer	106	3	109	.....
Aug. 29	Klute, Frank	Detroit	Custom clothing	2	.....	2	.....
Nov. 27	Knab-Karr	Detroit	Millinery	1	6	7	.....
Oct. 25	Knack, Julius Coal Co	Detroit	Coal and coke	8	.....	8	.....
Aug. 28	Knack, Julius Coal Co	Detroit	Coal	11	1	12	.....
May 28	Kneiding's Bakery	Detroit	Baked goods	5	.....	5	.....
June 8	Knoch, Gus	Detroit	Flowers	5	3	8	.....
April 20	Knott & Garlius Co	Detroit	Machine repairing	14	1	15	.....
Nov. 19	Koehler, H. F. & Bro	Detroit	Wall paper	22	.....	22	.....
Oct. 30	Koenig, P. Coal Co., The	Detroit	Coal and coke	108	1	109	.....
May 14	Koestlin Tool & Die Co	Detroit	Tools and dies	11	.....	11	.....
Jan. 3	Kolbe's Tea Room	Detroit	Catering, etc	2	1	3	.....
Jan. 7	Kopats, A	Detroit	Plumbing	5	1	6	.....
Aug. 22	Koppitz-Melchers, The	Detroit	Beer	62	3	65	.....
May 18	Koss, O. A. Co	Detroit	Job printing	7	2	9	.....
May 17	Kotcher, Chas. W	Detroit	Lumber	42	.....	42	.....
Oct. 4	Kotcher Lumber Co	Detroit	Lumber	106	2	108	1
Nov. 22	Koslow, A	Detroit	Tailoring	2	1	3	.....
Oct. 16	Kraetka Bros	Detroit	Tools	33	.....	33	1
Aug. 15	Kraft, Henry	Detroit	Meats	3	.....	3	.....
April 10	Kramer Printing Co	Detroit	Printing	4	.....	4	.....
Oct. 4	Kramer Governor Co	Detroit	Governors	33	3	36	.....
May 16	Kramer, H. & Co	Detroit	Scrap iron	24	1	25	.....
Aug. 31	Kramer, J. & Sons	Detroit	Scrap iron	6	.....	6	2
Sept. 12	Krell Barrel Co	Detroit	Barrels	6	1	7	.....
May 25	Krell Bros	Detroit	Barrels	11	1	12	.....
Dec. 5	Krenz, A. C	Detroit	Custom tailoring	3	.....	3	.....
Nov. 21	Krenz, B. A	Detroit	Dressmaking	3	27	30	.....
May 14	Kroger Grocery & Baking Co., The	Detroit	Baked goods	23	2	25	1
Nov. 22	Krohn's Popular Millinery	Detroit	Millinery	.....	4	4	.....
Nov. 20	Krohn's Popular Millinery	Detroit	Millinery	.....	3	3	.....
Dec. 7	Krossbach, E	Detroit	Millinery	.....	3	3	.....
Oct. 4	Kruce, E. J. Co	Detroit	Tools	19	1	20	.....
April 30	Krug Bros	Detroit	Plumbing	11	1	12	.....
Dec. 27	Kraymanski, Kassie	Detroit	Millinery	.....	4	4	.....
May 4	Kryda, Joseph	Detroit	Custom clothing	9	.....	9	.....
June 11	Kuhlman, A. & Co	Detroit	Surgical instruments	6	2	8	.....
May 24	Kull, Karl	Detroit	Meats	3	.....	3	.....
Jan. 3	Kupka, Jos	Detroit	Baked goods	2	.....	2	.....
May 16	Kurts Paper Box Co., The	Detroit	Paper boxes	12	23	35	1
April 18	Kuschewski Bros	Detroit	Coal and coke	8	1	9	.....
Aug. 28	Kuttnauer, Sam. & Bro	Detroit	Clothing	9	55	64	.....
Aug. 3	Labadie Ice Co	Detroit	Ice	3	.....	3	.....
Dec. 31	LaBell Funeral Motor Car Co	Detroit	Funeral cars	12	.....	12	.....
June 22	Lacquer-All Co	Detroit	Varnishes, etc	7	3	10	.....
Oct. 18	Ladd, John W. Co	Detroit	Dairy & creamery supplies	31	7	38	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
June 20	Lagora Cigar Factories	Detroit	Cigars	2	20	22	.....
June 4	Laidman, Geo. B	Detroit	Coal and coke	7	2	9	.....
Sept. 6	Laitner, A. & Sons	Detroit	Brushes	38	15	53	14
Jan. 2	Lakeside Biscuit Co., The	Detroit	Biscuits	3	2	5	.....
July 11	Lakeside Foundry	Detroit	Castings	149	3	152	2
Sept. 10	Lalley Electro-Lighting Corporation	Detroit	Home lighting plants	42	5	47	.....
May 10	Lamb, F. Jos. Co	Detroit	Electric starters	39	.....	39	.....
Oct. 22	Lamberg, Aug. G	Detroit	Cigars	4	20	24	.....
Nov. 5	Lamberson Hat Shop	Detroit	Millinery	.....	4	4	.....
Nov. 1	Lambert & Lowman	Detroit	Drugs	7	7	14	2
July 12	La Measure Bros	Detroit	Laundry	42	129	171	2
June 8	Lamont, Alex	Detroit	Marine engines	5	1	6	.....
Dec. 5	Lane & Tynan	Detroit	Parcel delivery	12	.....	12	.....
April 12	Lange, F. W. & Son	Detroit	Flour and feed	6	1	7	.....
May 29	Langer Printing Co	Detroit	Job printing	8	2	10	.....
Oct. 1	Langtry Machine & Tool Co., The	Detroit	Auto parts	34	1	35	.....
Aug. 24	Lansky & Wolfson	Detroit	Junk	3	4	7	.....
Aug. 2	Laplante, L. A	Detroit	Harness	2	.....	2	.....
Dec. 31	Laprise, J. A	Detroit	Tailoring	2	6	8	.....
June 20	Lariviere, Jos. H. Printing Co	Detroit	Job printing	4	.....	4	.....
Sept. 19	Larkins, Jos. Brick Co	Detroit	Brick	31	.....	31	.....
Nov. 13	Larned, Carter & Co	Detroit	Clothing	52	304	356	3
May 14	Lauer, John Machine Co	Detroit	Machinery	30	.....	30	.....
Dec. 5	Laughlin Mfg. Co	Detroit	Fountain pens	1	8	9	.....
Sept. 11	Lauhoff, H. & A. Flour Mills	Detroit	Flour	6	.....	6	.....
Dec. 3	Lavier & Long Electric Co	Detroit	Storage batteries	2	1	3	.....
Oct. 3	Lavigne Mfg. Co., The	Detroit	Brass goods	265	12	277	.....
Dec. 7	La Wickes Hat Shop	Detroit	Millinery	.....	2	2	.....
May 29	Lawrence, L. & Co	Detroit	Cylinder repairing	3	1	4	.....
June 4	Lawrence Printing Co	Detroit	Printing	7	5	12	.....
June 7	Lawrence Publishing Co	Detroit	Printed matter	11	6	17	.....
Oct. 19	Lay Mfg. Co., The	Detroit	Auto trimmings	9	6	15	.....
May 28	LeBlanc, Barney	Detroit	Paper hanging	5	.....	5	.....
May 4	Leddy, Wm. J	Detroit	Candy	1	2	3	.....
Nov. 28	Lee, Jos. E	Detroit	Plumbing	4	.....	4	.....
April 20	Leech, Chas. W. Lumber Co	Detroit	Lumber	22	.....	22	.....
May 18	Leech Metallic Bath Tub Co	Detroit	Bath tubs	17	1	18	.....
June 8	Lee, Edward F. Glass Co., The	Detroit	Glass	18	1	19	.....
Oct. 25	Lehr, C. Lumber Co	Detroit	Lumber	9	.....	9	.....
Nov. 14	Leith & Young	Detroit	Custom clothing	5	1	6	.....
Jan. 7	Leitson, J. & Son	Detroit	Baked goods	5	.....	5	.....
June 15	Lemmer's, Henry Sons	Detroit	Monuments	10	.....	10	.....
Nov. 2	Lemp, Wm. J. Brewing Co	Detroit	Beer	3	.....	3	.....
Nov. 20	Lenox, Harry	Detroit	Custom clothing	6	.....	6	.....
Dec. 7	Lents, Lydia	Detroit	Millinery	.....	3	3	.....
Nov. 19	Leonard, E. H. Co	Detroit	Plumbing	5	1	6	.....
Dec. 4	Leonard Warehouses, Inc	Detroit	Storage	4	1	5	.....
Sept. 19	Leonard Warehouses, Inc	Detroit	Storage	2	1	3	.....
Sept. 7	Leonard Warehouses, Inc	Detroit	Storage	2	1	3	.....
Dec. 7	Lepson, Mrs. Rose	Detroit	Millinery	.....	3	3	.....
Sept. 6	Levenson, H. Coal Co	Detroit	Coal	3	1	4	.....
Dec. 7	Levi, Bertha	Detroit	Millinery	.....	3	3	.....
Aug. 30	Levine Waste Paper Co	Detroit	Paper and rags	11	11	22	.....
June 13	Levitan, Robert	Detroit	Clothing	4	5	9	.....
Sept. 28	Levy's Garage	Detroit	Auto repairing	5	1	6	1
Aug. 3	Lewellyn Bean Co	Detroit	Beans	7	53	60	.....
April 11	Lewins Printing Co	Detroit	Printing	4	1	5	.....
Oct. 25	Lewis-Hall Iron Works	Detroit	Structural iron	94	3	97	.....
May 14	Lewis Motor Corporation	Detroit	Motors	22	.....	22	.....
Aug. 6	Leyes Bros	Detroit	Auto repairing	7	1	8	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
June 15	L'Herault, Chas	Detroit	Plumbing	2	1	3	.....
Sept. 25	Liberty Garage, Inc	Detroit	Auto repairing	7	1	8	.....
July 9	Liberty Motor Car Co	Detroit	Automobiles	178	14	192	.....
Nov. 26	Licht, Anthony C	Detroit	Custom clothing	4	.....	4	.....
Oct. 18	Lichtenberg & Son	Detroit	Grain and feed	23	3	26	.....
Aug. 24	Lieberman Bed Spring Co	Detroit	Bed springs	4	1	5	.....
Sept. 13	Liebig, Wm. & Co	Detroit	Brush machines	42	2	44	.....
Jan. 3	Liebold & Von Arx	Detroit	Sculptoring	6	.....	6	.....
Aug. 31	Liggett & Gagnier	Detroit	Job printing	18	5	23	1
June 19	Liley, A	Detroit	Machine repairing	3	.....	3	.....
Sept. 21	Lilies Cigar Co	Detroit	Cigars	42	506	548	.....
July 18	Lilies Cigar Co	Detroit	Cigars	15	377	392	.....
May 21	Lillibridge Lumber Co	Detroit	Lumber	6	1	7	.....
Jan. 2	Liman, A. J	Detroit	Tailoring	3	.....	3	.....
Oct. 30	Lincoln Brass Works, Inc	Detroit	Brass parts	15	.....	15	1
Nov. 27	Lincoln Motor Co	Detroit	Motors	428	25	453	8
Dec. 5	Lincoln Printing Co., The	Detroit	Job printing	3	2	5	.....
Oct. 18	Linde Air Products Co., The	Detroit	Oxygen gas	27	.....	27	2
Oct. 30	Lindow Co., The	Detroit	Furniture	11	.....	11	.....
Nov. 21	Linsell Co	Detroit	Interior finish	114	9	123	.....
April 24	Lippert, Paul J	Detroit	Radiators	6	.....	6	1
June 20	Lisk, Geo. A	Detroit	Marine engines	4	.....	4	.....
Jan. 10	Livernois, F. S. Brass Foundry Co	Detroit	Castings	6	.....	6	.....
Dec. 27	Livingstone, Miss L	Detroit	Millinery	.....	3	3	.....
Nov. 26	Locke-Clute Co	Detroit	Photographing	4	1	5	.....
May 24	Locke Pattern Works	Detroit	Patterns	15	1	16	3
Aug. 31	Lodzer Bakery	Detroit	Baked goods	9	2	11	.....
Oct. 4	London Laundry	Detroit	Laundry	4	7	14	.....
Oct. 18	Long Mfg. Co	Detroit	Auto radiators	486	6	492	4
Nov. 23	Longfield, John G	Detroit	Book binding	3	2	5	.....
Sept. 5	Lonyo Bros	Detroit	Brick	34	.....	34	1
Oct. 30	Loose-Wiles Biscuit Co	Detroit	Biscuits	31	1	32	.....
Nov. 28	Loree Hat Shop	Detroit	Millinery	.....	2	2	.....
May 4	Loula, M	Detroit	Baked goods	3	.....	3	.....
Oct. 3	Loveland Co., The	Detroit	Auto repairing	14	.....	14	.....
April 27	Lowrie, F. L	Detroit	Interior finish	48	2	50	.....
April 12	Lowrie & Robinson Lumber Co	Detroit	Lumber	21	.....	21	.....
June 7	Lowrie & Robinson Lumber Co	Detroit	Lumber & interior finish	134	2	136	.....
July 11	Lowrie & Robinson Lumber Co	Detroit	Lumber	123	3	126	.....
July 16	Lozier Motor Co	Detroit	Automobiles	25	3	28	.....
June 12	Lukacs, Steve	Detroit	Cement blocks	9	.....	9	.....
Oct. 16	Lukomski Bros. Co	Detroit	Plumbing supplies	15	.....	15	.....
April 24	Luttermoser, A	Detroit	Custom clothing	2	1	3	.....
April 12	Luttermoser, Louis	Detroit	Custom clothing	2	1	3	.....
Sept. 4	Luts, Wm	Detroit	Lumber	11	1	12	.....
Nov. 28	Lyon, Edward F	Detroit	Axles	8	2	10	.....
Aug. 15	Lyon Sign Co	Detroit	Signs	4	.....	4	.....
Dec. 4	MacArthur, P. C	Detroit	Auto repairing	23	3	26	1
Oct. 16	McBride, Earl & Pollard	Detroit	Soft drinks	22	.....	22	.....
May 12	McBride, J. R	Detroit	Fish, etc	3	.....	3	.....
June 12	McCarthy Motor Sales Co	Detroit	Auto repairing	13	1	14	.....
Nov. 5	McCarthy & Ruoff	Detroit	Blacksmithing	4	.....	4	.....
May 18	McCausland, W. H. & Son	Detroit	Store fittings	10	.....	10	.....
Nov. 23	McClure, Fred H. Co	Detroit	Job printing	5	3	8	.....
May 3	McClure, Geo. I	Detroit	Lumber	18	2	20	.....
Nov. 14	McCord Mfg. Co	Detroit	Auto radiators	651	14	665	22
Nov. 14	McCord Mfg. Co	Detroit	Radiators	89	37	126	1
Nov. 1	McCormick Plumbing Supply Co	Detroit	Plumbing, etc	5	2	7	.....
Sept. 20	McCormick Wrecking Co	Detroit	Lumber	7	.....	7	.....
May 21	McCutchion-Dwyer Co	Detroit	Furnaces	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
July 20	McDonald Coal & Brick Co	Detroit	Building supplies	16	.....	16	.....
July 20	McDonald Coal & Brick Co	Detroit	Coal and brick	14	3	17	.....
June 11	McDonough Automatic Regulator Co.	Detroit	Automatic regulators	12	2	14	.....
May 1	McEuen, Peter F	Detroit	Plumbing	3	1	4	.....
June 7	McEwen, Needham & Weldon	Detroit	Linotypes	19	4	23	.....
Dec. 20	McFadden, M	Detroit	Coal and ice	38	1	39	.....
Sept. 7	McFadden, Wm	Detroit	Plumbing	9	1	10	.....
Nov. 14	McGill & Wind	Detroit	Custom clothing	4	.....	4	.....
Nov. 9	McGraw Account Register Co	Detroit	Registers	10	4	14	.....
Oct. 15	McGraw Creamery	Detroit	Dairy products	5	.....	5	.....
Nov. 7	McGregor Institute	Detroit	Laundry	35	.....	35	.....
Oct. 16	McHie-Scotten Tobacco Co	Detroit	Tobacco	12	14	26	2
May 4	McHugh, Jos. A	Detroit	Plumbing	9	.....	9	.....
Oct. 26	McIntosh, H. V	Detroit	Furnaces	6	1	7	.....
Nov. 23	McKay, Holly	Detroit	Millinery	.....	6	6	.....
Dec. 6	McKnight, Mrs. N	Detroit	Millinery	.....	4	4	.....
April 16	McLean, Darius	Detroit	Perfumes	1	7	8	.....
Aug. 15	McNamara, Michael Varnish Works	Detroit	Varnish	14	7	21	.....
Aug. 10	McNamara Sign Co., The	Detroit	Signs	13	1	14	.....
May 13	McNeill, R. J	Detroit	Furnaces	3	1	4	.....
Dec. 3	McPharlin, Miss Rose	Detroit	Dressmaking	.....	11	11	.....
April 13	McRae & Roberts Co., The	Detroit	Brass goods	290	20	310	32
April 13	Machine, S. A. Co	Detroit	Machinery	58	2	60	1
May 31	Machinery Sales & Electric Co., The	Detroit	Electric supplies	14	1	15	1
Oct. 15	MacIvor & Crotser Lumber Co	Detroit	Lumber and coal	12	.....	12	.....
Oct. 15	MacIvor, J. A. Lumber Co	Detroit	Lumber	10	.....	10	.....
Dec. 26	Mack Avenue Garage	Detroit	Auto repairing	5	1	6	.....
Dec. 26	Mack Garment Cleaning Co	Detroit	Cleaning and dyeing	4	2	6	.....
April 10	Mackie-Olney Co	Detroit	Crates	5	.....	5	1
May 15	Mack, John A. Co	Detroit	Book binding	5	4	9	1
Aug. 22	Mack, Joseph Printing House, Inc	Detroit	Printing	138	37	175	8
May 29	MacLaren Imperial Cheese Co., Ltd	Detroit	Cheese	15	43	58	.....
Dec. 7	Magee Sheet Metal Machinery Co	Detroit	Sheet metal	4	.....	4	.....
May 1	Magnus Co., Inc	Detroit	Brass goods	52	1	53	.....
Nov. 5	Mahoney, J. H	Detroit	Cigars	8	10	18	.....
June 14	Maier, Martin & Co	Detroit	Trunks	10	.....	10	.....
May 8	Mailometer Co	Detroit	Machinery	134	2	136	.....
May 18	Majestic Art Embroidery Co., The	Detroit	Embroidery	1	2	3	.....
May 16	Majestic Belt Co	Detroit	Belts	5	4	9	.....
Nov. 28	Malena Co	Detroit	Drugs	7	12	19	.....
Nov. 28	Malo Millinery	Detroit	Millinery	.....	2	2	.....
June 15	Mamer & Neuhauser	Detroit	Baked goods	13	2	15	.....
Nov. 5	Mannauss, S. O. Printing Co	Detroit	Printing	8	.....	8	1
June 8	Manufacturers Rubber & Supply Co., The	Detroit	Auto supplies	4	.....	4	.....
Aug. 13	Manselmann, Chas	Detroit	Brooms	19	.....	19	.....
Aug. 7	Maple Press Printing Co., The	Detroit	Printing	2	.....	2	.....
Mar. 21	Marentette & Co	Detroit	Custom clothing	6	.....	6	.....
June 12	Marentette, James E	Detroit	Building supplies	30	.....	30	.....
Aug. 31	Market Cartage Co	Detroit	Trucking	9	1	10	.....
Nov. 19	Marks, Herman & Ben	Detroit	Furs	23	29	52	.....
July 30	Marks, Hiram Electric Co	Detroit	Electric supplies	23	.....	23	.....
Oct. 30	Marks, Jos. M	Detroit	Leather	2	4	6	.....
Jan. 7	Marks & Solomon	Detroit	Auto repairing	3	.....	3	.....
Aug. 13	Marquette Machine Co	Detroit	Machinery	11	1	12	.....
June 11	Marquette Printing Co	Detroit	Job printing	4	.....	4	.....
Dec. 28	Marriott, Frederick	Detroit	Sheet metal	5	1	6	.....
June 20	Marschall, B	Detroit	Meats	4	1	5	.....
April 17	Marsh, Geo. Mfg. Co., The	Detroit	Stove fixtures	16	1	17	.....
May 29	Marshall Blow Pipe Co	Detroit	Sheet iron work	15	.....	15	.....
Dec. 3	Marshall & Renchard	Detroit	Custom clothing	13	7	20	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
June 8	Martenson, J. Emil & Co	Detroit	Monuments	3	.....	3	.....
Dec. 4	Martinek, John	Detroit	Ladies' tailoring	4	4	8	.....
Nov. 5	Martin & Halsted Co	Detroit	Artificial limbs	5	1	6	.....
Oct. 29	Martin Shop, The	Detroit	Millinery	1	1	2	.....
April 18	Martyn, John	Detroit	Plumbing	5	.....	5	.....
Aug. 16	Marx Brass Works	Detroit	Brass castings	16	1	17	.....
Dec. 5	Marx, M	Detroit	Tailoring	1	3	4	.....
Oct. 16	Marx Machine Tool Co	Detroit	Tools and dies	7	.....	7	.....
Sept. 21	Marx, S. S	Detroit	Furs	3	4	7	.....
May 8	Mason Beef Co	Detroit	Meats	7	.....	7	.....
May 10	Mason's Decoy Factory	Detroit	Decoy ducks	15	.....	15	.....
Oct. 16	Mason Laundry Co	Detroit	Laundry	3	8	11	.....
June 20	Mason Motor Co	Detroit	Auto parts	161	1	162	.....
Aug. 7	Massachusetts Laundry Co	Detroit	Laundry	45	236	281	11
Nov. 21	Masse Industrial Co	Detroit	Chemicals	2	1	3	.....
June 6	Massnick Mfg. Co	Detroit	Auto parts	138	1	139	4
May 14	Massnick Mfg. Co	Detroit	Motors	11	.....	11	.....
May 7	Master Carbureter Corporation	Detroit	Carbureters	66	8	74	.....
Aug. 28	Matgen, Fred M	Detroit	Custom clothing	2	1	3	.....
Aug. 16	Mathes Bros	Detroit	Wagons	9	.....	9	.....
July 24	Mathews, Frederick C. Co	Detroit	Printing	11	6	17	.....
April 26	Matthews, D. H	Detroit	Trucking	15	.....	15	.....
Nov. 22	Matthews Printing Co	Detroit	Printing	9	5	14	.....
Dec. 20	Mau, Theo. E	Detroit	Furs	8	7	15	.....
Sept. 27	Maul Co., The	Detroit	Art stone	35	2	37	.....
Nov. 27	Maurer, M. Fahey	Detroit	Millinery	.....	3	3	.....
June 8	Maximotor Co	Detroit	Gasoline motors	7	1	8	.....
Nov. 28	May Belle Shop, The	Detroit	Millinery	.....	3	3	.....
Nov. 5	Maybelle Shop, The	Detroit	Millinery	1	4	5	.....
May 29	May, Chas. F. Co., The	Detroit	Printing	24	6	30	.....
June 20	Mayer, John H	Detroit	Sheet metal	3	.....	3	.....
Dec. 3	May's Millinery	Detroit	Millinery	3	14	17	.....
Dec. 3	May's Millinery	Detroit	Millinery	1	8	9	.....
Dec. 3	May's Millinery	Detroit	Millinery	1	13	14	.....
Sept. 26	Mazer Cigar Mfg. Co	Detroit	Cigars	12	347	359	.....
Nov. 9	Mead & Co	Detroit	Machine repairing	16	1	17	.....
Nov. 30	Mechanics Laundry Co., Inc., The	Detroit	Laundry	11	19	30	.....
Nov. 22	Mehling, Geo. F	Detroit	Tile	9	.....	9	.....
June 21	Meier, Hubert A	Detroit	Cut stone	5	.....	5	.....
Jan. 10	Meisner Baking Co	Detroit	Baked goods	11	1	12	.....
Dec. 10	Melcher, John	Detroit	Flour, feed, etc	4	1	5	.....
June 1	Melvic Enameling Co., The	Detroit	Enameling	34	13	47	.....
May 4	Melvin-Detroit Sign & Advertising Service	Detroit	Painting	14	3	17	.....
Sept. 5	Mercier-Bryan-Larkins Brick Co	Detroit	Brick	69	2	71	2
Sept. 4	Mercier-Bryan-Larkins Brick Co	Detroit	Brick	58	.....	58	.....
Dec. 18	Mercier, J. A	Detroit	Machine repairing	16	.....	16	.....
Sept. 7	Merithew, J. G	Detroit	Plumbing	4	.....	4	.....
June 20	Merz Capsule Co., The	Detroit	Capsules	32	13	45	.....
July 16	Metal Parts Machine Co	Detroit	Auto parts	5	.....	5	.....
May 15	Metalwood Mfg. Co	Detroit	Machinery	67	2	69	1
Jan. 7	Metloff, F. B	Detroit	Baked goods	3	.....	3	.....
Dec. 21	Metro Film & Mfg. Co	Detroit	Films	9	8	17	.....
Sept. 27	Metropolitan Garage	Detroit	Auto repairing	9	1	10	.....
Sept. 4	Metropolitan Mfg. Co	Detroit	Auto specialties	22	1	23	.....
Dec. 6	Metzger, Wm. E. Co	Detroit	Motorcycles	4	1	5	.....
Aug. 6	Meyer Auto Accessory Co	Detroit	Auto accessories	13	1	14	.....
April 6	Mayer, Reichstein Sons	Detroit	Scrap metal	6	.....	6	.....
Nov. 5	Meyers, Israel	Detroit	Ladies' tailoring	2	2	4	.....
May 23	Michigan Ammonia Works	Detroit	Ammonia	60	4	64	.....
April 20	Michigan Barrel & Bag Co	Detroit	Barrels	6	1	7	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Aug. 8	Michigan Bedding Co	Detroit	Mattresses	15	4	19	.....
April 27	Michigan Beef Co	Detroit	Meats	26	1	27	.....
Aug. 29	Michigan Beef Co	Detroit	Meats	8	1	9	.....
May 23	Michigan Bolt & Nut Works	Detroit	Bolts and nuts	222	8	230	12
May 15	Michigan Brewery	Detroit	Beer	21	1	22	.....
Oct. 26	Michigan Builders' Supply Co	Detroit	Building supplies	31	.....	31	.....
Aug. 9	Michigan Casket Co	Detroit	Caskets	20	3	23	.....
Aug. 15	Michigan Central R. R. Co	Detroit	Car repairing	94	18	112	.....
Aug. 17	Michigan Central R. R. Co	Detroit	Car building & repairing	682	45	727	.....
Oct. 19	Michigan Central R. R. Co	Detroit	Electricity	7	.....	7	.....
June 6	Michigan Central R. R. Co	Detroit	Freight	13	1	14	.....
Oct. 18	Michigan Central R. R. Co	Detroit	Freight	32	7	39	.....
Oct. 19	Michigan Central R. R. Co	Detroit	Grain	18	.....	18	.....
Aug. 20	Michigan Central R. R. Co	Detroit	Ice	21	.....	21	1
Oct. 22	Michigan Cigar Box Co	Detroit	Cigar boxes	15	32	47	11
Nov. 28	Michigan Clothing Cleaning Co	Detroit	Cleaning, etc	6	3	9	1
Aug. 30	Michigan Copper & Brass Co., The	Detroit	Brass and copper	780	4	784	.....
June 7	Michigan Cornice & Slate Works	Detroit	Sheet metal	27	.....	27	.....
Aug. 3	Michigan Electric Welding Co	Detroit	Auto parts	213	25	238	12
May 3	Michigan Electro-Plating Co	Detroit	Electro-plating	8	.....	8	1
Nov. 22	Michigan Electrotype & Stereotype Co.	Detroit	Electrotyping	34	2	36	.....
Oct. 25	Michigan Engine Valve Co	Detroit	Engine valves	65	.....	65	.....
Aug. 15	Michigan Garage & Taxicab Co	Detroit	Auto repairing	16	.....	16	.....
June 20	Michigan Gear & Engineering Co	Detroit	Gears	20	.....	20	.....
May 29	Michigan General Woodworking Co	Detroit	Store fixtures	5	.....	5	.....
April 24	Michigan Glass Works	Detroit	Glass	3	1	4	.....
May 24	Michigan Grey Iron Castings Co	Detroit	Castings	125	.....	125	.....
June 22	Michigan Iron & Wire Works	Detroit	Iron and wire work	10	.....	10	.....
Sept. 11	Michigan Junk Co	Detroit	Junk	2	3	5	.....
May 7	Michigan Leather Packing Co	Detroit	Leather packing	11	1	12	1
May 22	Michigan Lubricator Co	Detroit	Brass goods	623	14	637	26
June 6	Michigan Lumber Yard	Detroit	Lumber	17	.....	17	.....
Nov. 8	Michigan Machine Co	Detroit	Tools, etc	56	3	59	.....
Nov. 8	Michigan Machine Co	Detroit	Cash registers	20	.....	20	4
June 14	Michigan Malleable Iron Co	Detroit	Castings	982	34	1,016	21
April 25	Michigan Metal Spinning Mfg. Co	Detroit	Metal spinning	18	.....	18	.....
Nov. 23	Michigan Millinery Co	Detroit	Millinery	.....	7	7	.....
April 20	Michigan Motor Specialties Co	Detroit	Motor specialties	71	2	73	.....
Aug. 9	Michigan Multigraphing Co., The	Detroit	Multigraphing	3	6	9	.....
Aug. 23	Michigan Optical Co	Detroit	Optical goods	26	69	95	6
Aug. 1	Michigan Paper Tube & Can Co	Detroit	Paper tubes and cans	6	1	7	2
Oct. 22	Michigan Paper Stock Co	Detroit	Junk	6	.....	6	.....
Sept. 20	Michigan Parfay Co	Detroit	Soft drinks	12	1	13	.....
June 15	Michigan Paste & Mfg. Co	Detroit	Paste	7	1	8	.....
May 8	Michigan Pattern Works	Detroit	Patterns	67	2	69	.....
July 10	Michigan Pressed Brick Co	Detroit	Brick	20	.....	20	.....
May 31	Michigan Pressed Steel Co	Detroit	Pressed steel	8	.....	8	.....
May 28	Michigan Railway Guide Co	Detroit	Railway guides	3	.....	3	.....
Aug. 21	Michigan Repair & Taxi Co	Detroit	Auto repairing	4	1	5	.....
June 8	Michigan Safety Furnace Pipe Co., The	Detroit	Furnace pipe	23	.....	23	.....
June 14	Michigan Sprocket Chain Co	Detroit	Sprocket chains	30	2	32	10
Aug. 7	Michigan Stamping Co	Detroit	Sheet metal & stamping	769	6	775	12
May 10	Michigan Standard Gear Co	Detroit	Machinery	23	.....	23	.....
Aug. 27	Michigan State Telephone Co	Detroit	Telephone service	1,094	3,590	4,684	55
Oct. 24	Michigan Steam Laundry	Detroit	Laundry	20	47	67	.....
April 6	Michigan Steel Casting Co	Detroit	Steel castings	347	19	366	.....
April 30	Michigan Storage Battery Co	Detroit	Storage batteries	7	1	8	.....
Dec. 18	Michigan Store Fixture Co	Detroit	Store fixtures	2	.....	2	.....
April 26	Michigan Stove Co., The	Detroit	Stoves, furnaces, etc	823	23	846	10
Sept. 14	Michigan Street Car Adv. Co	Detroit	Advertising	12	1	13	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Sept. 19	Michigan Tent & Awning Co.	Detroit	Tents and awnings	21	33	54	.....
May 18	Michigan Tool Co.	Detroit	Tools	88	1	89	.....
Nov. 21	Michigan Upholstering Co.	Detroit	Upholstering	15	2	17	.....
Nov. 14	Michigan Warehouse Co.	Detroit	Storage	20	2	22	.....
Aug. 6	Michigan Waste & Bag Co.	Detroit	Waste and bags	4	3	7	.....
May 23	Michigan Wire Cloth Co.	Detroit	Wire cloth	112	33	145	5
Oct. 22	Michigan Zinc Coat Co.	Detroit	Galvanising	3	.....	3	.....
June 15	Midland Machine Co.	Detroit	Machinery	26	1	27	.....
Nov. 9	Millenbach Bros. Co.	Detroit	Hides and tallow	20	2	22	.....
Aug. 23	Miller, Donald Co., The	Detroit	Plumbing	47	1	48	.....
Dec. 7	Miller, Edna	Detroit	Millinery	.....	2	2	.....
Aug. 1	Miller, John Electric Co.	Detroit	Electric supplies	22	1	23	1
June 22	Miller-Hoefer Co.	Detroit	Jewelry	8	22	30	.....
Dec. 7	Miller-Judd Co.	Detroit	Repairing	10	2	12	.....
Jan. 9	Miller Light & Fixture Co., The	Detroit	Electric fixtures	3	.....	3	.....
Dec. 5	Miller & Mondrus	Detroit	Ladies' tailoring	5	2	7	.....
Oct. 23	Miller-Seldon Electric Co.	Detroit	Electric supplies	39	4	43	3
May 2	Miller Tool & Mfg. Co.	Detroit	Tools	13	1	14	.....
May 8	Miller, W. A. C. Co.	Detroit	Lumber	37	2	39	.....
Dec. 27	Miller, Wm. H. & Co.	Detroit	Furs	13	19	32	1
Nov. 27	Mills-Fox Baking Co.	Detroit	Baked goods	160	12	172	2
Nov. 14	Mills & Weber	Detroit	Hat cleaning	2	2	4	.....
Oct. 22	Milo Dyeing & Cleaning Co.	Detroit	Cleaning and dyeing	7	8	15	.....
Aug. 13	Milton Corset Shop	Detroit	Corsets	2	10	12	.....
Sept. 21	Milwaukee Avenue Garage	Detroit	Storage and repairing	4	.....	4	.....
May 29	Milwaukee Die & Tool Co.	Detroit	Tools and dies	10	1	11	.....
Sept. 10	Mincel, Henry	Detroit	Coal and mason supplies	30	.....	30	.....
Oct. 25	Mincel, Henry	Detroit	Coal and coke	34	.....	34	.....
Nov. 8	Minute Wheel Co.	Detroit	Auto hubs	2	1	3	.....
Oct. 30	Miotke, Jos. A.	Detroit	Wholesale meats	8	.....	8	.....
Jan. 8	Misch, Gust. L.	Detroit	Custom clothing	7	6	13	.....
May 18	Misner Mfg. Co., The	Detroit	Toilet specialties	5	1	6	.....
Aug. 8	Mitchell-Burridge Transfer Co.	Detroit	Storage	12	.....	12	.....
Oct. 12	Mitchell, G. E.	Detroit	Custom clothing	7	1	8	.....
Nov. 23	Mitchell, Robert	Detroit	Millinery	1	10	11	.....
April 25	Mitchell, W. H.	Detroit	Cartage and storage	9	1	10	.....
April 29	Mobile Top Co., The	Detroit	Auto tops	5	1	6	.....
June 18	Model Pattern Works	Detroit	Patterns	8	.....	8	.....
Dec. 4	Model Shop, The	Detroit	Millinery	.....	3	3	.....
June 8	Modern Diamond Tool Co.	Detroit	Tools	4	1	5	.....
Dec. 6	Modern Garage Co., Inc.	Detroit	Auto repairing	11	1	12	.....
Aug. 7	Modern Laundry Co.	Detroit	Laundry	16	87	103	.....
July 9	Modern Pattern & Machine Co.	Detroit	Patterns and auto parts	103	2	105	.....
June 8	Moebs Cartage Co. & Garage	Detroit	Cartage and repairing	6	.....	6	.....
Sept. 21	Moeller, Leonard J.	Detroit	Auto repairing	2	1	3	.....
May 28	Mohawk Overall Co.	Detroit	Overalls	3	26	29	.....
Sept. 14	Moll & Stock	Detroit	Custom clothing	10	8	18	.....
July 19	Monarch Foundry Co.	Detroit	Castings	129	1	130	.....
Nov. 23	Monarch Garment Cleaning Co.	Detroit	Cleaning and dyeing	3	1	4	.....
Dec. 6	Monarch Laundry	Detroit	Laundry	9	16	25	1
May 7	Monarch Mfg. Co.	Detroit	Builders' hardware	20	.....	20	.....
Aug. 7	Monarch Pattern Works	Detroit	Patterns	35	.....	35	.....
Aug. 8	Monarch Steel Castings Co.	Detroit	Steel castings	217	2	219	4
Dec. 26	Monroe Paper Stock Co.	Detroit	Junk	7	2	9	.....
Nov. 27	Moore, E. C. & Son Co.	Detroit	Dental supplies	3	2	5	.....
May 22	Moore Printing Co.	Detroit	Job printing	4	.....	4	.....
July 26	Morehead Mfg. Co.	Detroit	Steam traps, etc.	5	.....	5	.....
Nov. 16	Moreton Truck Co.	Detroit	Trucking	30	1	31	.....
Dec. 27	Morgan, Mrs. A. C.	Detroit	Millinery	.....	3	3	.....
June 22	Morgan, C. Stanley	Detroit	Pipe coverings	21	.....	21	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Oct. 23	Morgan Sash & Door Co.	Detroit	Sash and doors	13	2	15	.....
Dec. 27	Morgan, S. H.	Detroit	Plumbing	12	1	13	.....
May 11	Morgan & Wright	Detroit	Auto tires	3,832	86	3,918	19
Dec. 27	Morita-Mullin Co., The	Detroit	Auto repairing	12	1	13	.....
April 24	Morton Salt Co.	Detroit	Salt	2	2	4	.....
May 21	Morton Stencil Co.	Detroit	Rubber stamps	2	.....	2	.....
Oct. 30	Moss, John R.	Detroit	Job printing	3	.....	3	.....
Aug. 7	Motor Products Corporation	Detroit	Auto parts	1,470	120	1,590	20
May 10	Motors Metal Mfg. Co.	Detroit	Auto fenders	108	2	110	2
Dec. 26	Motor Truck Body Co.	Detroit	Truck bodies	57	.....	57	.....
Jan. 2	Mott, J. A.	Detroit	Painting & decorating	5	.....	5	.....
Aug. 21	Mots, Wm. E.	Detroit	Sheet metal	7	.....	7	.....
Nov. 20	Mowbray & Robinson Co., The	Detroit	Lumber	8	.....	8	.....
Sept. 24	Moyer-Shaw Mfg. Co.	Detroit	Toys and novelties	24	32	56	3
Dec. 3	Moylan, Lillian F.	Detroit	Corsets, etc.	.....	2	2	.....
Nov. 9	Moynhan & Duchene	Detroit	Brass and iron works	24	1	25	.....
July 19	Moynes, James A. & Co.	Detroit	Interior finish	47	1	48	.....
July 9	M. & S. Corporation	Detroit	Differentials	108	6	114	3
Nov. 20	Muellenhagen, Chas. J.	Detroit	Custom clothing	3	.....	3	.....
May 22	Mueller, Chas. R. & Sons	Detroit	Machinery	6	.....	6	.....
Oct. 4	Muer, Jos. Cigar Co.	Detroit	Cigars	71	176	247	.....
June 4	Multi-Color Co., The	Detroit	Blue prints	18	11	29	1
Nov. 17	Muncey Cartage Co.	Detroit	Cartage	26	.....	26	.....
Nov. 20	Munro, Miss May	Detroit	Millinery	.....	2	2	.....
April 25	Munroe, Wm. Co.	Detroit	Interior finish	33	.....	33	.....
Nov. 9	Murchey Machine & Tool Co.	Detroit	Machinery	190	4	194	.....
Sept. 28	Murphy Bros.	Detroit	Tools, etc.	30	1	31	2
Oct. 16	Murphy Chair Co.	Detroit	Chairs	476	154	630	43
Nov. 28	Murphy Hat Shop	Detroit	Millinery	.....	7	7	.....
May 10	Murphy Iron Works	Detroit	Castings	266	9	275	2
Mar. 21	Murphy Machine Co.	Detroit	Tools and auto parts	23	.....	23	.....
Dec. 21	Murray, Edgar A. Co.	Detroit	Chemicals	5	3	8	.....
Oct. 8	Murray, J. W. Mfg. Co.	Detroit	Steel stampings	498	7	505	.....
Dec. 5	Murray, Mary Co., The	Detroit	Millinery	.....	2	2	.....
May 8	Murray Specialty Mfg. Co.	Detroit	Steam specialties	3	1	4	.....
Nov. 27	Mutual Builders Supply Co.	Detroit	Builders' supplies	10	.....	10	.....
Nov. 20	Mutual Electric & Machine Co.	Detroit	Switch boards	86	13	99	14
June 4	Mutual Film Corporation	Detroit	Films	10	12	22	.....
April 25	Mussy-Lyon Co., The	Detroit	Metals	53	1	54	.....
Dec. 3	Myers Home Bakery	Detroit	Baked goods	4	2	6	.....
June 22	Myrick, E. B. & Co.	Detroit	Cigars	4	1	5	.....
June 4	Nagle, H. Sons Co.	Detroit	Plumbing	6	.....	6	.....
Oct. 29	Nagel, John C.	Detroit	Auto bodies and wagons	12	.....	12	.....
Aug. 27	Nagle Packing Co.	Detroit	Meats	6	.....	6	.....
April 27	Nagle Packing Co.	Detroit	Meats	29	.....	29	.....
Nov. 4	Nairin, Mrs. L.	Detroit	Millinery	.....	9	9	.....
Sept. 10	National Baking Co.	Detroit	Baked goods	18	.....	18	.....
May 31	National Bedding Co.	Detroit	Mattresses	16	5	21	.....
April 16	National Biscuit Co.	Detroit	Baked goods	136	106	242	1
Sept. 11	National Body & Trimming Co.	Detroit	Auto body trimming	31	4	35	.....
June 15	National Bronze & Aluminum Castings Co.	Detroit	Castings	17	.....	17	.....
Oct. 15	National Can Co.	Detroit	Tin cans	328	258	586	6
April 16	National Candy Co.	Detroit	Candies	55	36	91	2
Oct. 8	National Glass Calendar & Mfg. Co.	Detroit	Glass calendars	7	6	13	1
June 13	National Grocer Co.	Detroit	Coffee mills	13	18	31	.....
Aug. 14	National Iron Works, The	Detroit	Structural iron	31	.....	31	1
Nov. 7	National Lead Co.	Detroit	White lead, etc.	6	1	7	.....
Aug. 13	National Lumber & Mfg. Co.	Detroit	Boxes and crates	25	1	26	.....
Aug. 24	National Machine Products Co.	Detroit	Auto parts	76	1	77	5
June 8	National Mileometer Co., Ltd.	Detroit	Mileometers	8	8	16	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
June 1	National Pattern & Mfg. Co	Detroit	Patterns	36	.....	36	.....
July 17	National Pin Co	Detroit	Pins	36	48	84	1
Aug. 13	National Production Co	Detroit	Tools and dies	17	.....	17	.....
Nov. 19	National Roofing & Paint Co	Detroit	Sheet metal	24	3	27	.....
Oct. 19	National Shipping Co	Detroit	Shipping	4	.....	4	.....
April 13	National Soap Co	Detroit	Soap	7	.....	7	.....
May 4	National Tent & Awning Co	Detroit	Awnings	10	7	17	.....
Oct. 22	National Twist Drill & Tool Co	Detroit	Tools	434	98	532	45
Aug. 29	National Upholstering House	Detroit	Upholstering	2	1	3	.....
June 19	Naylon-Pierson-Hough Co	Detroit	Leather goods	22	5	27	.....
April 18	Nechuta & Brda Baking Co	Detroit	Baked goods	2	.....	2	.....
July 25	Needham Machine & Tool Co	Detroit	Machinery	5	.....	5	.....
July 30	Nehls, Barney	Detroit	Plating and enameling	27	1	28	3
Nov. 15	Nelson, Baker & Co	Detroit	Drugs	82	133	215	2
June 21	Nelson, E. A	Detroit	Automobiles	51	.....	51	.....
June 13	Neubronner Carriage & Wagon Works	Detroit	Wagon repairing	4	.....	4	.....
Aug. 17	Neumann, Wm. F. V. & Sons	Detroit	Auto repairing	23	2	25	.....
July 12	Newberry Baking Co	Detroit	Baked goods	29	1	30	.....
Dec. 12	New Century Co., The	Detroit	Flour and feed	26	1	27	.....
Oct. 30	Newell, J. S	Detroit	Refining, etc	2	1	3	.....
Oct. 31	New England Pie Co	Detroit	Pies	47	27	74	.....
July 6	Newness Mfg. Co., The	Detroit	Auto trimmings	2	1	3	.....
July 27	Newton Packing Co	Detroit	Meats	102	3	105	.....
April 19	New Warsaw Bakery	Detroit	Baked goods	3	1	4	.....
Sept. 14	New York Bakery	Detroit	Baked goods	6	1	7	.....
Sept. 11	New York Bed Spring Mfg. Co	Detroit	Bed springs	20	4	24	2
April 24	New York Central Lines	Detroit	Freight	3	.....	3	.....
Oct. 11	New York Central R. R. Co., The	Detroit	Freight	65	17	82	2
Nov. 16	New York Doll Hospital	Detroit	Dolls	.....	4	4	.....
Dec. 7	New York Millinery Co	Detroit	Millinery	.....	1	1	.....
Oct. 3	Nicholson, Harry C	Detroit	Coal	9	1	10	.....
April 19	Niemiec, John	Detroit	Baked goods	3	.....	3	.....
Aug. 21	Nimmo, A. H. Electric Co	Detroit	Electric supplies	25	1	26	1
Dec. 5	Noble Piano Co	Detroit	Piano sales & repairing	6	.....	6	.....
Dec. 6	Nold, E. L. Garage	Detroit	Auto repairing	3	.....	3	.....
Mar. 21	Norrie Brass Foundry	Detroit	Brass castings	12	.....	12	.....
April 19	Northern Engineering Works	Detroit	Cranes and hoists	254	12	266	5
July 11	Northern Stone & Granite Co., Inc	Detroit	Cut stone	22	.....	22	.....
Aug. 2	Northway Motor & Mfg. Co	Detroit	Motors	2,308	55	2,363	6
Sept. 24	Northwest Cigar Mfg. Co	Detroit	Cigars	24	40	64	.....
Dec. 31	Northwestern Malt Roasting Co	Detroit	Malt	3	.....	3	.....
Oct. 16	Northwestern Motor Sales & Service Co	Detroit	Auto accessories	10	1	11	.....
May 17	Northwestern Motor Sales & Service Co	Detroit	Auto repairing	13	2	15	.....
May 17	Northwestern Printing Co., The	Detroit	Printing	9	1	10	.....
Sept. 27	Nunn, Geo	Detroit	Brick	21	.....	21	.....
April 20	Oades, Walter H	Detroit	Ship repairing	81	.....	81	.....
Oct. 23	Oakland Family Wet Wash Laundry, The	Detroit	Laundry	5	1	6	.....
April 23	Oakland Knitting Co	Detroit	Knit goods	1	26	27	.....
Dec. 6	O'Brien, C. A. & A. B	Detroit	Millinery	.....	4	4	.....
Dec. 3	O'Brien, E. H. & Co	Detroit	Dressmaking	.....	3	3	.....
Aug. 7	Ockford Printing Co	Detroit	Job printing	37	19	56	3
June 6	O'Connor & Stewart	Detroit	Radiators	5	.....	5	.....
Aug. 20	Oelman Machine Co	Detroit	Machinery	7	.....	7	.....
April 10	O-K Printing Co	Detroit	Job printing	5	.....	5	.....
Dec. 28	O. K. Skirt Co., Inc	Detroit	Skirts	2	12	14	.....
Dec. 31	Oldberg Mfg. Co	Detroit	Auto parts	8	1	9	.....
June 11	Oldenburg, Paul	Detroit	Baked goods	3	1	4	.....
Oct. 1	Olds Laundry	Detroit	Laundry	14	45	59	.....
Sept. 21	O'Leary, Max	Detroit	Auto repairing	35	1	36	.....
May 24	Oleynik & Girard	Detroit	Blacksmithing	3	.....	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
June 6	Olfs, Peter Safe Co., The	Detroit	Safes	12	.....	12	.....
May 23	Olsen Auto Top Co	Detroit	Auto tops	3	2	5	.....
Dec. 4	Olympic Garage	Detroit	Auto repairing	4	.....	4	.....
Oct. 18	O'Neill Mfg. Co	Detroit	Auto trucks and bodies	33	2	35	1
Oct. 31	Operatone Phonograph Co	Detroit	Phonographs	5	.....	5	.....
April 11	Oriental Show-You Co	Detroit	Japanese sauce	2	3	5	.....
Jan. 9	Orling Bros	Detroit	Meats	7	.....	7	.....
Nov. 5	Orloff, Leonard B. Co., The	Detroit	Auto repairing	10	.....	10	.....
Mar. 20	Ornamental Iron & Wire Works, The	Detroit	Iron and wire	4	.....	4	.....
Oct. 19	Ornamental Products Co	Detroit	Wood carvings	27	2	29	.....
Jan. 7	Orth, Adam J. Co	Detroit	Sheet metal	4	1	5	.....
Dec. 31	O. & S. Bearing Co	Detroit	Bearings	41	1	42	.....
May 4	Osmun, Walter W	Detroit	Peanuts	1	2	3	.....
Sept. 7	Ossman Bros. Garage	Detroit	Auto repairing	3	.....	3	.....
July 5	Otis Elevator Co	Detroit	Elevators	142	4	146	2
Oct. 22	Otten Bros. Co	Detroit	Cards	3	8	11	.....
Nov. 14	Otto, The Practical Hatter	Detroit	Hat cleaning	3	1	4	.....
Oct. 19	Owen & Graham Co	Detroit	Truck repairing	9	2	11	.....
June 20	Owners Garage	Detroit	Auto repairing	6	.....	6	.....
Oct. 19	Pabst Brewing Co	Detroit	Beer	23	.....	23	.....
July 28	Packard Motor Car Co	Detroit	Motor cars	10781	441	11222	285
May 10	Padberg Linotyping Co	Detroit	Linotyping	8	.....	8	.....
July 6	Paige-Detroit Motor Car Co	Detroit	Automobiles	720	30	750	.....
Nov. 6	Paige-Detroit Motor Car Service Station	Detroit	Auto service	118	28	146	3
Oct. 25	Palace-Model Laundry Co	Detroit	Laundry	61	174	235	.....
Dec. 7	Pallister, Katherine	Detroit	Millinery	.....	1	1	.....
Oct. 19	Palmer-Bee Co	Detroit	Machinery and tools	61	9	70	.....
Oct. 22	Palmer Electric Co	Detroit	Electric supplies	6	1	7	.....
April 10	Palmer-Paul Co	Detroit	Silverware	4	2	6	.....
Dec. 28	Panama Cigar Mfg. Co	Detroit	Cigars	2	8	10	.....
June 18	Paragon Machine Co., The	Detroit	Machinery	13	1	14	.....
May 11	Parent, W	Detroit	Wagons	16	.....	16	.....
Dec. 26	Paris Cleaners and Dyers	Detroit	Cleaning and dyeing	6	6	12	.....
July 9	Parisian Laundry Co	Detroit	Laundry	33	136	169	1
Nov. 20	Parisienne Dress Shop, The	Detroit	Dressmaking	.....	11	11	.....
Sept. 27	Paris Laundry, The	Detroit	Laundry	21	53	74	1
Nov. 13	Paris-New York Ladies' Tailors	Detroit	Ladies' tailoring	4	3	7	.....
April 24	Park Chemical Co	Detroit	Chemicals	5	1	6	.....
May 3	Park & McKay	Detroit	Plumbing supplies	39	3	42	.....
May 1	Parke, Davis & Co	Detroit	Chemicals	1,174	1,407	2,581	57
June 20	Parker Ave. Garage Co	Detroit	Auto repairing	8	.....	8	.....
Aug. 17	Parker Baking Co	Detroit	Baked goods	22	9	31	.....
April 16	Parker Bros. Co., Ltd	Detroit	Coal and coke, etc	14	.....	14	.....
Oct. 11	Parker Bros. Co., Ltd	Detroit	Coal	22	.....	22	.....
Oct. 2	Parker, H. B	Detroit	Coal and coke	23	1	24	.....
May 2	Parker Mfg. Co	Detroit	Tools	10	1	11	.....
Sept. 11	Parker Rust-Proof Co	Detroit	Rust proofing	110	14	124	3
July 26	Parker, Webb & Co	Detroit	Meats	530	6	536	40
Aug. 27	Parker, Webb & Co	Detroit	Meats	13	.....	13	.....
Nov. 22	Parkinson Co., Ltd., The	Detroit	Engraving	18	2	20	1
Dec. 31	Parkview Garage	Detroit	Auto repairing	6	.....	6	.....
Nov. 8	Parkview Sales Co	Detroit	Trucks and repairing	16	2	18	.....
Sept. 5	Parrish Mfg. Co	Detroit	Auto parts	309	6	315	.....
Mar. 21	Parsons Mfg. Co	Detroit	Locks and hinges	32	1	33	.....
July 12	Parsons Mfg. Co	Detroit	Auto hardware	28	1	29	1
Oct. 23	Partlan, James W	Detroit	Plumbing	40	.....	40	2
May 22	Partridge, Wm	Detroit	Book binding	1	.....	1	.....
June 20	Pasadena Garage	Detroit	Auto repairing	4	.....	4	.....
Sept. 5	Paschke, Aug. & Sons	Detroit	Lumber	25	1	26	.....
May 16	Pathe Exchange, Inc	Detroit	Films	14	10	24	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
May 10	Pathfinder Printing Co	Detroit	Printing	7	.....	7	.....
Dec. 4	Pattinson, Mrs. N. M	Detroit	Millinery	.....	3	3	.....
June 20	Pauli, Frank M. Co	Detroit	Contracting	33	2	35	.....
May 18	Payette Neckwear Co	Detroit	Neckwear	2	7	9	.....
May 18	Peckham, Ralph P	Detroit	Plumbing	43	1	44	.....
Jan. 11	Pellow Machine Co., The	Detroit	Machinery	4	.....	4	.....
Oct. 18	Pelton & Crane Co., The	Detroit	Electrical equipment	39	10	49	.....
July 16	Penberthy Injector Co	Detroit	Steam injectors	242	20	262	7
June 15	Peninsular Auto Parts Co	Detroit	Auto parts	16	.....	16	.....
Dec. 27	Peninsular Auto Parts Co	Detroit	Gasoline engines	15	.....	15	.....
July 9	Peninsular Brass Works	Detroit	Brass goods	70	2	72	6
May 18	Peninsular Cash Register Co	Detroit	Registers	15	2	17	.....
June 7	Peninsular Emery Wheel Co	Detroit	Emery wheels	5	.....	5	.....
April 11	Peninsular Fish Co	Detroit	Fish	3	.....	3	.....
June 6	Peninsular Milled Screw Co	Detroit	Screw machine products	151	2	153	2
July 17	Peninsular Smelting Co	Detroit	Smelting	38	1	39	.....
Nov. 14	Peninsular Stamp & Stencil Co	Detroit	Rubber stamps	3	.....	3	1
May 2	Peninsular Stove Co	Detroit	Stoves	873	10	883	23
June 15	Peninsular Tool Salvage Co	Detroit	Machine tools	21	3	24	1
April 6	Pennington McKee Co., The	Detroit	Awnings	9	6	15	.....
Sept. 14	Peoples Coal Co	Detroit	Coal	6	.....	6	.....
July 24	Peoples' Outfitting Co	Detroit	Warehouse & mail order	86	14	100	2
Nov. 19	Peoples Shoe Hospital	Detroit	Shoe repairing	2	.....	2	.....
June 15	Pere Marquette R. R. Co	Detroit	Car repairing	57	.....	57	1
Jan. 28	Pere Marquette R. R. Co	Detroit	Freight	5	.....	5	.....
Oct. 5	Peschke & Killian	Detroit	Meats	28	.....	28	.....
June 13	Peshek, J. & J	Detroit	Custom clothing	5	2	7	.....
Dec. 3	Peter, Anton	Detroit	Ladies' tailoring	1	2	3	.....
Oct. 22	Peters', Dyers & Cleaners	Detroit	Dyeing and cleaning	16	26	42	1
Dec. 13	Petts, Mrs	Detroit	Millinery	.....	2	2	.....
Nov. 26	Pewabic Pottery Co	Detroit	Pottery	8	2	10	.....
Dec. 28	Pfefferl Sign Co	Detroit	Signs	7	.....	7	.....
Aug. 15	Pfeiffer Brewing Co	Detroit	Beer	153	4	157	.....
April 24	Pfeiffer, Robert A. Co	Detroit	Furs	13	.....	13	.....
May 15	Pfrömm, John	Detroit	Plumbing	3	.....	3	.....
Nov. 16	Phelps, Krag & Co	Detroit	Coffee and spices	6	3	9	.....
June 1	Phelps Mfg. Co	Detroit	Electric supplies	9	22	31	1
Oct. 30	Phillips, Scott	Detroit	Shoe repairing	6	.....	6	.....
Oct. 25	Phoenix Wire Works	Detroit	Wire cloth	39	1	40	1
Nov. 26	Photochrom Co., The	Detroit	Prints	65	15	80	.....
Dec. 6	Physicians' Stationery Co	Detroit	Printing	3	2	5	.....
Sept. 7	Piaven & Tapper	Detroit	Junk	3	2	5	.....
Oct. 26	Piggins, Wm. S. Sons, Inc	Detroit	Cut stone	47	1	48	.....
May 7	Pingree Co., The	Detroit	Shoes	214	119	333	.....
June 1	Pingree, F. C. Sons Co	Detroit	Shoes	22	11	33	2
June 11	Pipp Bros	Detroit	Job printing	3	.....	3	.....
June 21	Pittmans & Dean Co	Detroit	Ice	45	.....	45	.....
June 21	Pittmans & Dean Co	Detroit	Coal and coke	22	.....	22	.....
Oct. 12	Pittmans & Dean Co	Detroit	Coal and ice	27	.....	27	.....
Oct. 15	Pittmans & Dean Co	Detroit	Ice	13	.....	13	.....
Sept. 7	Pittmans & Dean Co	Detroit	Ice	50	.....	50	.....
May 25	Pittmans & Dean Co	Detroit	Coal and ice	50	1	51	.....
Sept. 27	Pittmans & Dean Co	Detroit	Repairing	4	.....	4	.....
Aug. 13	Pitts, Benj	Detroit	Blacksmithing	2	.....	2	.....
Oct. 9	Pitts, Roy B	Detroit	Shirts	2	5	7	.....
May 23	Pittsburgh Plate Glass Co	Detroit	Glass and paint	95	11	106	1
April 20	Pittsburgh Shafting Co. of Detroit	Detroit	Shafting	46	12	58	.....
Oct. 30	Plant, H	Detroit	Sheet metal	2	.....	2	.....
Dec. 21	Pleger, Ernest W	Detroit	Furs	3	3	6	.....
Aug. 16	Plenedorf, Gust. E	Detroit	Auto repairing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Jan. 7	Plumb, Chas. H	Detroit	Flowers	10	1	11	.....
Dec. 13	Podlewska, Mary	Detroit	Millinery	.....	2	2	.....
Sept. 11	Pohlman, Chas. & Co	Detroit	Furniture	25	.....	25	1
Nov. 20	Pohl Printing Co	Detroit	Job printing	11	5	16	1
Nov. 19	Pokorny, Chas. E	Detroit	Cleaning	2	.....	2	.....
Sept. 17	Polish-American Publishing Co	Detroit	Printing	12	1	13	.....
Sept. 20	Polonia Publishing Co	Detroit	Printing	26	4	30	1
May 28	Polyglot Printers, The	Detroit	Job printing	4	.....	4	.....
Jan. 2	Pomeroy-MacFarland Co., Inc	Detroit	Surgical appliances	3	2	5	.....
Sept. 4	Porath Bros	Detroit	Brick	38	.....	38	.....
Aug. 27	Porcelain Enameling & Mfg. Co	Detroit	Enameling	23	1	24	.....
Dec. 7	Porter, Adele	Detroit	Millinery	.....	3	3	.....
Sept. 5	Posselius Bros., The	Detroit	Furniture	132	3	135	4
Nov. 2	Posselius, A. & Co	Detroit	Furniture repairing	19	2	21	.....
Aug. 27	Postal Telegraph-Cable Co	Detroit	Telegraph service	104	34	138	40
April 30	Powell & Meyers Mfg. Co	Detroit	Iron specialties	8	.....	8	.....
Dec. 27	Pragnell, Miss L	Detroit	Millinery	.....	6	6	.....
Jan. 7	Prance, Jos. G	Detroit	Tailoring	17	7	24	.....
May 4	Precision Instrument Co	Detroit	Measuring instruments	26	4	30	1
Oct. 19	Premier Cushion Spring Co	Detroit	Springs	105	6	111	10
Dec. 3	Prest-o-lite Co., Inc., The	Detroit	Storage batteries	27	5	32	.....
Sept. 4	Princess Motor Car Corporation	Detroit	Motor cars	36	3	39	.....
May 17	Process Painting Co	Detroit	Auto painting	12	1	13	.....
Oct. 15	Producers Creamery Co	Detroit	Dairy products	13	5	18	.....
Jan. 7	Progress Bedding Co	Detroit	Bedding	8	2	10	.....
Nov. 30	Progress Hand Laundry	Detroit	Laundry	1	4	5	.....
Dec. 31	Progressive Laundry Co	Detroit	Laundry	4	.....	4	.....
Aug. 17	Progressive Print Shop, The	Detroit	Job printing	6	1	7	1
April 12	Prompt Press, The	Detroit	Job printing	5	1	6	.....
Nov. 30	Prout, A. T	Detroit	Laundry	7	19	26	.....
June 15	Public Lighting Commission	Detroit	Electricity	189	2	191	.....
May 21	Public Typesetting Service	Detroit	Typesetting	2	.....	2	.....
Aug. 3	Pudrith, A. F. Co., The	Detroit	Sheet metal	21	1	22	.....
Aug. 15	Pullman Co., The	Detroit	Car cleaning	62	51	113	.....
Nov. 17	Purdy Lumber & Mfg. Co	Detroit	Lumber, etc	10	.....	10	.....
May 11	Purdy Lumber & Mfg. Co	Detroit	Interior finish	8	.....	8	.....
July 20	Puritan Brick & Tile Co	Detroit	Brick	5	.....	5	.....
Nov. 7	Puritan Machine Co	Detroit	Auto parts	31	12	43	.....
Dec. 7	Quality Furrier	Detroit	Furs	2	4	6	.....
Jan. 4	Quinkert, John J	Detroit	Tailoring	2	2	4	.....
Aug. 23	Racarma Co., Inc., The	Detroit	Toilet preparations	6	14	20	.....
Nov. 4	Radford Block Co., The	Detroit	Automobiles	20	2	22	.....
April 24	Railway Steel-Spring Co	Detroit	Bar steel	287	.....	287	.....
Sept. 21	Rall's Chocolate Shop	Detroit	Candies	3	4	7	.....
June 9	Ralston Printing Co., The	Detroit	Job printing	7	4	11	1
May 16	Randall Co., The	Detroit	Labels and calendars	7	2	9	.....
Oct. 4	Rankin, Wm	Detroit	Cut stone	4	.....	4	.....
Dec. 3	Ransome, L. M	Detroit	Millinery	.....	4	4	.....
Dec. 21	Rapp Printing Co	Detroit	Printing	2	.....	2	.....
April 25	Raths Oil Co	Detroit	Oils	3	.....	3	.....
Oct. 29	Rau, Madame	Detroit	Dressmaking	.....	8	8	.....
May 4	Raulet & Nicholson	Detroit	Machinery	8	.....	8	.....
May 16	Raymo, Chas. H	Detroit	Sheet metal	8	.....	8	.....
May 24	Raymond, Chas. & Son	Detroit	Contracting	33	.....	33	.....
May 29	Raynor & Taylor	Detroit	Printing	41	4	45	1
June 1	R. B. L. Co	Detroit	Tools and dies	56	.....	56	1
April 24	R. C. Paint Shop	Detroit	Auto painting	6	1	7	.....
Aug. 31	Reading Truck Co	Detroit	Trucking	320	3	323	.....
Aug. 10	Reardon-Parshall Co., The	Detroit	Job printing	9	1	10	.....
May 2	Reberdy, E	Detroit	Blacksmithing	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Nov. 26	Redelsheimer, Max	Detroit	Optical goods	3	1	4	.....
April 20	Red Star Yeast Co	Detroit	Yeast	4	4	8	.....
Jan. 3	Reeder, A. H	Detroit	Interior finish	3	.....	3	.....
Nov. 2	Reeg, F. L. Co., The	Detroit	Engraving, etc	7	9	16	.....
Oct. 5	Regal Motor Car Co	Detroit	Motor cars	124	17	141	.....
May 7	Reichenbach Laboratories	Detroit	Carburetors	19	1	20	1
Dec. 3	Reid, Florence	Detroit	Millinery	.....	1	1	.....
Dec. 7	Reid, Margaret W	Detroit	Millinery	.....	2	2	.....
June 22	Reinhold Mfg. Co	Detroit	Ice machines	17	.....	17	.....
June 13	Reiss Body Co	Detroit	Auto bodies	11	.....	11	.....
Nov. 22	Reliable Auto Top Co	Detroit	Auto tops	4	.....	4	.....
Jan. 3	Reliable Laundry, The	Detroit	Laundry	7	28	35	.....
Nov. 9	Reliable Tire Repair Co	Detroit	Tire repairing	7	1	8	.....
May 7	Reliable Upholstering Co., The	Detroit	Upholstering	7	.....	7	.....
Nov. 27	Remer Fur Co	Detroit	Furs	4	3	7	.....
Nov. 23	Remick, Jerome H. & Co	Detroit	Music	12	15	27	3
Nov. 23	Remick, Jerome H. Printing Co	Detroit	Printing	15	3	18	.....
Nov. 20	Remington Typewriter Co	Detroit	Typewriters	9	.....	9	1
Sept. 5	Remy Electric Co	Detroit	Electric supplies	82	9	91	.....
Dec. 21	Renchard Shirt & Neckwear Co., The	Detroit	Shirts	4	8	12	.....
Jan. 4	Realer, W. A	Detroit	Tailoring	4	.....	4	.....
Oct. 23	Restrick Lumber Co	Detroit	Lumber	57	.....	57	.....
Sept. 6	Restrick Lumber Co	Detroit	Lumber	8	.....	8	.....
June 1	Restrick Lumber Co	Detroit	Lumber	91	5	96	.....
Dec. 11	Reutter, Madame Smith	Detroit	Millinery	.....	8	8	.....
Nov. 30	Rex Machine & Tool Co	Detroit	Tools	5	.....	5	.....
July 30	Rex Plating Works	Detroit	Plating, etc	8	.....	8	.....
April 11	Rex Talking Machine Co	Detroit	Talking machines	5	.....	5	.....
Mar. 29	Rice, Jerome B. Seed Co	Detroit	Seeds	56	304	360	.....
April 23	Richards Welding & Brasing Co	Detroit	Welding and brasing	5	.....	5	.....
Dec. 7	Richmond & Backus Co., The	Detroit	Printing	56	25	81	.....
Aug. 29	Rickel, H. W. & Co	Detroit	Malt	15	1	16	.....
Aug. 27	Rickett's Laundry	Detroit	Laundry	4	15	19	.....
Dec. 13	Rickey, Zelta	Detroit	Millinery	.....	1	1	.....
June 19	Ridgeley, R. B. Co., The	Detroit	Steel	13	5	18	.....
Jan. 8	Riedinger, H. F	Detroit	Wagons	2	.....	2	.....
Oct. 22	Ritter Cigar Box Mfg. Co	Detroit	Cigar boxes	14	33	47	7
Aug. 14	Rivard, Louis F	Detroit	Interior finish	9	.....	9	.....
April 13	Riverside Machinery Depot	Detroit	Machinery	7	1	8	.....
April 6	Riverside Scrap Iron Metal Co	Detroit	Scrap metal	13	.....	13	.....
June 7	Riverside Scrap Iron Metal Co	Detroit	Iron and metal	17	.....	17	.....
April 27	Riverside Storage & Cartage Co	Detroit	Storage, etc	77	2	79	.....
Dec. 3	Roach, James Co., The	Detroit	Decorating	51	3	54	.....
April 13	Roberts Brass Mfg. Co., The	Detroit	Brass goods	475	16	491	45
Aug. 23	Roberts, C. F. Co., Inc	Detroit	Oils	2	2	4	.....
May 31	Roberts, H. C. Transfer Co., The	Detroit	Storage and cartage	13	.....	13	.....
April 20	Roberts, James & Son	Detroit	Cartage	9	.....	9	.....
May 15	Roberts Tube Works	Detroit	Tubes	33	.....	33	.....
Oct. 11	Robinson Automatic Machine Co., The	Detroit	Polishing machines	7	.....	7	.....
July 28	Robinson Beef Co	Detroit	Meats	19	.....	19	.....
Sept. 11	Robinson, D. & Sons	Detroit	Mill supplies	19	32	51	1
June 12	Robinson Laundry	Detroit	Laundry	6	16	22	.....
Dec. 6	Robinson, L. J. Co	Detroit	Auto repairing	24	4	28	.....
May 10	Robertson, R. Co	Detroit	Cut stone	15	.....	15	.....
Dec. 7	Roche-Crotty	Detroit	Millinery	.....	5	5	.....
Nov. 1	Rodger, D. T. & Bro	Detroit	Plumbing	7	.....	7	.....
Sept. 6	Roehl Bros	Detroit	Storage	37	2	39	.....
Aug. 14	Roehm & Davison	Detroit	Structural iron	28	.....	28	.....
Dec. 20	Roehm, Edward R	Detroit	Emblems	5	2	7	.....
Dec. 10	Roesser, Ida	Detroit	Millinery	.....	3	3	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
May 8	Roe Stephens Mfg. Co	Detroit	Brass goods	181	1	182	8
Oct. 22	Roe-Yale Sales Co	Detroit	Auto repairing	9	1	10	.....
April 27	Rogers, C. E	Detroit	Machinery	31	.....	31	.....
Sept. 19	Rohlman, Chas. P. & Sons	Detroit	Blacksmithing	5	.....	5	.....
Oct. 26	Rohns, Albert & Co	Detroit	Iron	8	.....	8	.....
April 27	Roller Mill Works	Detroit	Machinery	16	.....	16	1
Dec. 27	Rollins Co., The	Detroit	Furs	5	12	17	.....
June 11	Rookus Printing Co., The	Detroit	Job printing	7	3	10	.....
Nov. 16	Roos & Wood	Detroit	Plumbing	30	.....	30	.....
Dec. 13	Rose, Edna M	Detroit	Millinery	.....	3	3	.....
Aug. 30	Rosen, Sam	Detroit	Baked goods	8	.....	8	.....
June 12	Rosecrans, O. P	Detroit	Coal and coke	9	1	10	.....
May 8	Rosenberg Bros	Detroit	Furs	18	6	24	.....
Dec. 6	Rosenbloom, Mrs. J	Detroit	Millinery	.....	3	3	.....
Sept. 14	Rosengarten & Co	Detroit	Custom clothing	6	1	7	.....
April 20	Rosenzweig, S. D	Detroit	Metals	5	.....	5	.....
Dec. 12	Rosolowska, Mrs. S	Detroit	Millinery	.....	15	15	.....
Dec. 27	Rosser, Frank J	Detroit	Flowers	2	.....	2	.....
Dec. 31	Roth, Jacob	Detroit	Junk	4	.....	4	.....
Dec. 6	Rothschild's Millinery	Detroit	Millinery	.....	3	3	.....
Oct. 17	Rotter, A	Detroit	Junk	38	1	39	.....
Nov. 5	Rouen-Hunt	Detroit	Millinery	.....	4	4	.....
Nov. 2	Rowden, H. J	Detroit	Baked goods	3	1	4	.....
Oct. 31	Rowe Sanitary Mfg. Co	Detroit	Lavatories, etc	11	9	20	.....
Jan. 18	Rowe's Printery	Detroit	Printing	6	1	7	.....
Aug. 16	Rowe, W. H	Detroit	Job printing	6	1	7	.....
April 16	Rowley Scale & Supply Co	Detroit	Scales	9	1	10	.....
April 10	Royal Cone Co., The	Detroit	Cones	5	2	7	.....
Nov. 20	Royal Cycle Co	Detroit	Bicycles	3	.....	3	.....
Nov. 14	Royal Typewriter Co	Detroit	Typewriters	8	3	11	1
May 11	Royal Valley Coffee Co	Detroit	Coffee and teas	4	6	10	.....
Dec. 3	Rudd Auto Top Co., The	Detroit	Auto tops	2	1	3	.....
Dec. 10	Ruen, Ella	Detroit	Millinery	.....	3	3	.....
Jan. 3	Ruhl's Bakery	Detroit	Baked goods	3	1	4	.....
Oct. 15	Rumsey Electric Co	Detroit	Auto repairing	7	1	8	.....
Aug. 10	Runde, R. W	Detroit	Tools	27	1	28	.....
May 21	Runnings, J. R	Detroit	Gas engines	8	.....	8	1
June 7	Ruppel Print Shop, The	Detroit	Job printing	3	1	4	.....
Aug. 17	Rutledge, A. R	Detroit	Building supplies	8	.....	8	.....
Nov. 1	R. & W. Cigar Co	Detroit	Cigars	1	18	19	.....
Oct. 15	Ryan Bros	Detroit	Cement blocks	5	.....	5	.....
Sept. 19	Ryan, James	Detroit	Blacksmithing	3	.....	3	.....
Oct. 25	Ryerson, Jos. T. & Son	Detroit	Iron and steel	42	5	47	.....
Nov. 2	Sabine, Chas. S	Detroit	Harness	2	.....	2	.....
Sept. 28	Safety Furnace Pipe Co	Detroit	Furnace pipes	28	1	29	.....
Jan. 7	St. Aubin, Edwin J	Detroit	Plumbing	21	1	22	.....
Nov. 13	St. Mary's Hospital	Detroit	Laundry	21	32	53	.....
May 4	Sales, Murray W. & Co	Detroit	Steam fittings	17	.....	17	.....
Dec. 10	Salter Millinery	Detroit	Millinery	.....	3	3	.....
July 12	Sample & Smith Lumber Co	Detroit	Interior finish	22	.....	22	.....
Oct. 11	Sam, The Shoe Man	Detroit	Shoe repairing	2	.....	2	.....
Aug. 16	Sanborn, A. I	Detroit	Roofing	15	2	17	.....
Nov. 27	Sanders, F	Detroit	Candies	42	45	87	1
Sept. 26	Sand, J. & Sons	Detroit	Levels	27	.....	27	3
Nov. 23	Sands & Williams	Detroit	Auto repairing	6	.....	6	.....
Nov. 23	Sands & Williams	Detroit	Ice cream	144	12	156	.....
Aug. 10	Sanitary Cleaning & Pressing Co	Detroit	Cleaning, etc	3	.....	3	.....
Nov. 1	Sanitary Dust Removing Co	Detroit	Cleaning, etc	11	.....	11	.....
Dec. 31	Sanitary Laundry Co	Detroit	Laundry	5	1	6	.....
June 8	Sanitary Steam Flat Iron Co., The	Detroit	Steam irons	7	1	8	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Oct. 12	San Telmo Cigar Mfg. Co	Detroit	Cigars	30	669	699	13
April 19	San Telmo Cigar Mfg. Co	Detroit	Cigars	28	252	280	10
April 18	Sass, Louis H	Detroit	Coal and coke	10	2	12	.....
July 13	Sattley Coin Handling Machine Co	Detroit	Coin machines	8	.....	8	2
Nov. 22	Saturday Night Press, Inc	Detroit	Printed matter	63	13	76	3
April 11	Saturn Lithograph Mounting Co	Detroit	Lithograph mounting	4	.....	4	.....
June 8	Sauer Bros	Detroit	Lithographing	13	3	16	.....
Jan. 7	Sauer, Wm. & Son	Detroit	Cooperage	14	1	15	.....
Aug. 31	Saxon Motor Car Corporation	Detroit	Auto painting, etc	28	1	29	.....
Aug. 13	Saxon Motor Car Corporation	Detroit	Motor cars	879	61	940	2
Nov. 30	Scarlett, Wm	Detroit	Auto repairing	4	.....	4	.....
June 15	Schadt & Mathewson	Detroit	Feather pillows	6	7	13	.....
May 18	Schaffner, G. H	Detroit	Signs	5	.....	5	.....
Dec. 28	Scharts Moving Co	Detroit	Moving	4	.....	4	.....
May 11	Scheel, John J	Detroit	Cement blocks	30	2	32	.....
June 12	Scheffer, Frank L	Detroit	Baked goods	2	.....	2	.....
Oct. 16	Scheinman, I. L. & Co	Detroit	Wiping rags	7	31	38	.....
Nov. 19	Scheller-Sherman Printing Co	Detroit	Job printing	4	.....	4	.....
May 9	Scherer, H. & Co	Detroit	Auto trimming	25	8	33	.....
July 19	Schermack Corporation, The	Detroit	Machinery	28	3	31	1
May 18	Schermerhorn, Chas. T. Printing Co	Detroit	Printing	7	.....	7	1
Jan. 7	Scheuren & Mok	Detroit	Flour and feed	9	1	10	.....
April 26	Schiffer Printing Co	Detroit	Job printing	2	.....	2	.....
Sept. 7	Schlafer, Louis	Detroit	Junk	3	2	5	.....
Dec. 27	Schlaff, John Creamery Co	Detroit	Dairy products	79	4	83	.....
June 13	Schlesinger, A. & Co	Detroit	Clothing	2	32	34	.....
Oct. 19	Schlieder Mfg. Co	Detroit	Valves	122	1	123	3
Aug. 14	Schmansky Bros. Co	Detroit	Custom clothing	3	.....	3	.....
May 18	Schmidt, Carl E. & Co., Inc	Detroit	Leather	92	.....	92	4
Aug. 21	Schmidt, Carl E. & Co., Inc	Detroit	Leather	15	3	18	.....
June 12	Schmidt, Hugo Picture Frame Co	Detroit	Picture frames	8	8	16	2
Aug. 14	Schmidt, Traugott & Sons	Detroit	Fur skins and wool	120	2	122	.....
Dec. 26	Schneider, A	Detroit	Baked goods	11	3	14	.....
Dec. 26	Schneider, F	Detroit	Flowers	3	.....	3	.....
Aug. 16	Schneider, Jos. A	Detroit	Custom clothing	3	2	5	.....
Aug. 24	Schneider, M	Detroit	Rags	4	2	6	.....
April 17	Schnell-Cobb Machine Co	Detroit	Machine repairing	11	1	12	.....
May 28	Schober Printing Co	Detroit	Printing	21	6	27	4
Dec. 28	Schoenborn & Cowles Mfg. Co., The	Detroit	Machinery	89	1	90	.....
Oct. 29	Schonhofen, W	Detroit	Sheet metal	3	.....	3	.....
April 11	Schratz Chemical Co., The	Detroit	Bath powder	3	.....	3	.....
Sept. 24	Schreiber Roofing Co	Detroit	Roofing	6	.....	6	.....
June 19	Schroeter, B	Detroit	Flowers	6	2	8	.....
Sept. 13	Schroeter's, Herman Sons	Detroit	Keys	3	.....	3	.....
Jan. 9	Schulte Co	Detroit	Tallow, etc	9	.....	9	.....
May 23	Schulte-Mulleavy Sales Co., The	Detroit	Auto repairing	23	1	24	.....
Jan. 9	Schults, A. W. & Co	Detroit	Plumbing	21	.....	21	.....
Oct. 29	Schumacher Bros. & Graham	Detroit	Coal and coke	8	2	10	.....
May 16	Schug Electric Mfg. Co	Detroit	Electric batteries	6	1	7	.....
Sept. 13	Schuster, Louis	Detroit	Junk	4	4	8	.....
Dec. 27	Schwab, G. E. Chandelier Co	Detroit	Chandeliers	4	.....	4	1
Oct. 11	Schwanbeck Bros	Detroit	Show cases	69	2	71	4
Aug. 27	Schwarts, Bernard	Detroit	Cigars	12	66	78	.....
April 23	Schwarts Furniture Co	Detroit	Furniture	4	.....	4	.....
Nov. 21	Schwarts Upholstering Co	Detroit	Upholstering	2	.....	2	.....
Sept. 11	Schwarz Foundry Co	Detroit	Castings, etc	62	2	64	1
Sept. 11	Schweppe & Wilt Mfg. Co., The	Detroit	Auto parts	78	3	81	1
June 12	Scientific Instrument Co	Detroit	Instruments	17	3	20	.....
Aug. 13	Scott Bros. Electric Co	Detroit	Electric supplies	14	1	15	.....
July 31	Scott, Frank G	Detroit	Physicians' supplies	6	7	13	1

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Dec. 6	Scott, Mrs. F. M.	Detroit	Millinery	.....	3	3	.....
May 7	Scott, J. E. Co.	Detroit	Flags and banners	5	25	30	1
Aug. 6	Scotten Dillon Co.	Detroit	Tobacco	313	590	903	71
June 21	Scranton, J. P. & Co.	Detroit	Lumber	19	2	21	.....
June 19	Scribner Floral Co.	Detroit	Flowers	4	1	5	.....
June 21	Scripps-Booth Corporation	Detroit	Automobiles	33	.....	33	.....
Aug. 20	Scripps-Booth Corporation	Detroit	Motor cars	152	18	170	.....
Oct. 10	Scripps Motor Co.	Detroit	Engines	59	3	62	.....
June 12	Searight-Downs Mfg. Co.	Detroit	Machinery	19	.....	19	3
April 23	Seely Mfg. Co., The	Detroit	Perfumes	2	3	5	.....
May 7	Seidel Printing Co.	Detroit	Job printing	5	.....	5	1
May 15	Seidler-Miner Co.	Detroit	Electric repairing	17	.....	17	1
May 16	Selik Bros.	Detroit	Auto parts	53	2	55	1
Aug. 17	Semet Solvay Co.	Detroit	Coke	652	5	657	2
Nov. 20	Sempliner & Frater, B.	Detroit	Ladies' tailoring	2	1	3	.....
Nov. 27	Senate Laundry	Detroit	Laundry	13	40	53	.....
Dec. 28	Service Garage, The	Detroit	Auto repairing	5	1	6	.....
Nov. 26	Service Motor Sales Co.	Detroit	Auto repairing	5	1	6	.....
Aug. 13	Service Pattern Works	Detroit	Patterns	25	1	26	.....
Nov. 16	Service Printing Co.	Detroit	Job printing	5	1	6	.....
Sept. 21	Service Station	Detroit	Automobiles	20	1	21	.....
Aug. 20	Sewell Cushion Wheel Co.	Detroit	Motor trucks	68	7	75	.....
Dec. 31	Sexauer, Chas. Roofing Co.	Detroit	Roofing	11	.....	11	.....
July 16	Shailor Engineering Co.	Detroit	Tools	6	.....	6	.....
Dec. 18	Shapero, Herman	Detroit	Plumbing	8	1	9	.....
Aug. 15	Shapiro Antique Co.	Detroit	Furniture	19	1	20	.....
Oct. 22	Sharpe, H. M.	Detroit	Job printing	3	.....	3	.....
Dec. 3	Sharp, Mrs. J. Milton Co.	Detroit	Children's wear	.....	13	13	.....
June 11	Shaw Engraving Co.	Detroit	Engraving	7	1	8	.....
Dec. 12	Sheedy, Mrs.	Detroit	Millinery	.....	2	2	.....
June 8	Sheehey, Louis	Detroit	Plumbing, etc.	6	1	7	.....
July 17	Sheill, F. D. Baking Co.	Detroit	Baked goods	27	10	37	.....
April 11	Shelby Printing Co.	Detroit	Printing	5	2	7	1
Dec. 31	Shepard, R. V. Co.	Detroit	Gowns	1	17	18	.....
Dec. 4	Sherman, G. H., M. D.	Detroit	Bacterial vaccins	3	16	19	.....
Dec. 20	Sherratt Electric Co.	Detroit	Electric supplies	8	1	9	.....
May 8	Sherwood Brass Works	Detroit	Castings	323	.....	323	2
Sept. 18	Shipe Made	Detroit	Car bodies	2	.....	2	.....
Sept. 12	Shlain, Jacob	Detroit	Junk	3	3	6	.....
May 10	Shove, E. D.	Detroit	Blacksmithing	2	.....	2	.....
June 4	Shuler Axle Mfg. Co.	Detroit	Auto axles	55	1	56	.....
June 8	Shumaker Colorplate Co.	Detroit	Engraving	13	1	14	1
Sept. 10	Shurgin, H.	Detroit	Plumbing	11	.....	11	.....
Aug. 15	Sibley, F. M. Lumber Co.	Detroit	Lumber	111	5	116	.....
Oct. 15	Sibley, F. M. Lumber Co.	Detroit	Lumber	7	.....	7	.....
Mar. 29	Sidebottom, P. A. Truck Co.	Detroit	Trucking	33	.....	33	.....
May 25	Sidney Mfg. Co., The	Detroit	Auto bodies	14	.....	14	.....
Nov. 19	Sieger & Hammer	Detroit	Custom clothing	6	2	8	.....
Oct. 11	Siegrist, Theodore	Detroit	Garment repairing	3	.....	3	.....
May 9	Sievers & Erdman Co.	Detroit	Auto painting	65	10	75	.....
Oct. 9	Siewek Bros. Co.	Detroit	Tools	64	2	66	.....
April 18	Siggins & Bowles	Detroit	Circular letters	5	3	8	1
Dec. 27	Signal Motor Truck Co.	Detroit	Motor trucks	82	7	89	.....
April 12	Sikora Bros.	Detroit	Baked goods	3	.....	3	.....
Sept. 27	Silver Springs Water Co.	Detroit	Mineral water	12	6	18	.....
Dec. 27	Silverstone's Fine Millinery	Detroit	Millinery	.....	4	4	.....
Oct. 19	Simmons Co., The	Detroit	Bed springs	3	1	4	.....
Aug. 21	Simon, A. & Co.	Detroit	Wool	7	3	10	.....
April 30	Simon, Wm. C.	Detroit	Custom clothing	5	2	7	.....
Dec. 6	Simons Sales Co., The	Detroit	Sales & auto repairing	119	9	128	2

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Nov. 16	Simpson, Wm. T.	Detroit	Artificial limbs	1	.....	1	.....
Oct. 25	Sinclair, J. T. Co.	Detroit	Coal and coke	21	1	22	.....
July 26	Sinclair, J. T. Co.	Detroit	Coal	23	2	25	.....
Jan. 2	Singelyn & Lowry Co.	Detroit	Bar fixtures	6	1	7	.....
Nov. 12	Singer, Miss Anna	Detroit	Dressmaking	.....	5	5	.....
Dec. 31	Singer, Jacob	Detroit	Junk	17	1	18	.....
Dec. 28	Sisman, Andrew C. Co.	Detroit	Contracting	115	6	121	1
May 28	Skawronsky & Budnik	Detroit	Custom clothing	6	4	10	.....
Aug. 29	Slater Saw Co., The	Detroit	Saws and repairing	4	.....	4	.....
May 7	Slesinger, Victor & Sons	Detroit	Furs	6	1	7	.....
April 18	Sloane's Garage	Detroit	Auto repairing	4	.....	4	.....
June 19	Sloman, M. & Co.	Detroit	Furs	16	5	21	.....
April 19	Slowinski, A. R.	Detroit	Custom clothing	9	4	13	.....
Nov. 27	Smafield Hat Shop	Detroit	Millinery	.....	3	3	.....
Nov. 14	Smart Hat Shop, The	Detroit	Millinery	.....	2	2	.....
May 21	Smillie, C. M.	Detroit	Machinery	10	.....	10	.....
Nov. 7	Smith, Albert	Detroit	Wagon repairing	6	.....	6	.....
Nov. 1	Smith, Alice	Detroit	Millinery	.....	2	2	.....
May 3	Smith Bros.	Detroit	Wagons	4	.....	4	.....
May 3	Smith Bros.	Detroit	Blacksmithing	3	.....	3	.....
Sept. 7	Smith, C. F. Co.	Detroit	Baked goods	26	.....	26	.....
Oct. 22	Smith, F. R.	Detroit	Dairy products	8	1	9	.....
Sept. 21	Smith-Hamburg-Scott Welding Co.	Detroit	Welding	12	.....	12	.....
April 25	Smith, H. Collier	Detroit	Machinery	69	3	72	.....
Oct. 17	Smith, John N. & Co.	Detroit	Upholstering	34	12	46	1
Oct. 16	Smith, Jos. N. & Co.	Detroit	Wind shields	366	10	376	.....
Nov. 27	Smith, L. C. & Bros.	Detroit	Typewriters	11	4	15	2
June 6	Smith-Matthews Foundry Co., The	Detroit	Castings	33	.....	33	.....
Dec. 3	Smith Motor Co.	Detroit	Motor cars sales	7	2	9	.....
Sept. 6	Smith, Peter Heater Co.	Detroit	Electric heaters	64	3	67	5
Nov. 22	Smith, Sara A.	Detroit	Buttons	1	6	7	.....
May 31	Smith, Thos. Press	Detroit	Job printing	18	4	22	1
Aug. 31	Smitt, S.	Detroit	Custom clothing	6	2	8	.....
April 30	Snyder, A. H.	Detroit	Baked goods	4	1	5	1
July 13	Snyder-Barr Screw Co.	Detroit	Screws, etc.	8	.....	8	2
Aug. 19	Solvay Process Co., The	Detroit	Alkalis	1,995	60	2,055	10
Jan. 7	Sommers & Sons Co., Inc.	Detroit	Copper smithing	15	.....	15	.....
Oct. 9	Son Cartage & Garage Corporation	Detroit	Cartage	6	1	7	.....
Nov. 14	Sonnenburg, Tailor, Inc.	Detroit	Custom clothing	4	1	5	.....
Dec. 6	Southee Hat Shop	Detroit	Millinery	.....	4	4	.....
Dec. 31	Southwick-Pom Co.	Detroit	Contracting	60	2	62	.....
Jan. 9	Spaulding Electric Co.	Detroit	Electric repairing	31	2	33	2
May 10	Speaker-Hines Printing Co.	Detroit	Printing	39	8	47	.....
Dec. 27	Speck, Hopf & Gaiefsky	Detroit	Coal, coke and wood	15	1	16	.....
Dec. 31	Sperlich & Uhlig	Detroit	Tools	21	1	22	2
Nov. 16	Spirella Co., Inc., The	Detroit	Corsets	.....	2	2	.....
Jan. 2	Splitdorf Electrical Co.	Detroit	Magnetos	15	3	18	.....
June 22	Spranger Wire Wheel Co.	Detroit	Wire wheels	62	3	65	6
June 20	Sprenger, Jos. & Sons	Detroit	Boilers	5	.....	5	.....
Oct. 29	Sprenger, Lillian	Detroit	Paper patterns	.....	4	4	.....
May 2	Springfield Body Co.	Detroit	Auto bodies	341	3	344	.....
May 11	Springman Paper Products Co.	Detroit	Die cutting	27	27	54	.....
June 8	Sprunk Engraving Co.	Detroit	Engraving	19	1	20	2
Oct. 9	Staats, Henry	Detroit	Jewelry	3	.....	3	.....
Nov. 23	Stafford Printing Co.	Detroit	Printing	6	4	10	.....
Jan. 8	Stahlbuck, Otto	Detroit	Baked goods	3	.....	3	.....
Aug. 23	Stamler Laundry Co.	Detroit	Laundry	3	5	8	.....
Jan. 2	Stamler Laundry Co.	Detroit	Laundry	1	4	5	.....
Jan. 15	Standard Auto Tire Repair Co.	Detroit	Auto tire repairing	4	.....	4	.....
Sept. 10	Standard Barrel & Bag Co.	Detroit	Barrels and bags	16	1	17	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Oct. 1	Standard Box Co.	Detroit	Boxes	9	1	10	.....
May 10	Standard Brass Works	Detroit	Hardware	159	9	168	10
Oct. 30	Standard Candy Co.	Detroit	Candy	2	2	4	.....
May 28	Standard Computing Scale Co.	Detroit	Scales	128	14	142	2
May 7	Standard Detroit Tractor Co.	Detroit	Tractors	55	.....	55	.....
Aug. 27	Standard Fuel Appliance Co.	Detroit	Heating appliances	12	1	13	.....
Oct. 16	Standard Laundry Co., The	Detroit	Laundry	11	44	55	.....
April 26	Standard Motor Parts Co.	Detroit	Motor parts	17	11	28	.....
June 14	Standard Motor Truck Co.	Detroit	Motor trucks	74	5	79	.....
May 4	Standard Oil Co.	Detroit	Oils	60	.....	60	.....
Aug. 31	Standard Pant Makers	Detroit	Pants	9	8	17	.....
June 8	Standard Pattern Works	Detroit	Patterns	25	1	26	2
May 22	Standard Plating Works	Detroit	Electric plating	5	.....	5	.....
Oct. 31	Standard Rug Co.	Detroit	Rugs and cleaning	5	.....	5	.....
Aug. 24	Standard Screw Products Co.	Detroit	Screw machines	105	1	106	7
June 12	Standard Tool & Mfg. Co.	Detroit	Auto parts	94	.....	94	.....
June 13	Stand Pat Easel Co., The	Detroit	Easels	6	2	8	.....
Dec. 4	Star Carpet Cleaning Co.	Detroit	Carpet cleaning	21	2	23	.....
June 4	Star Corundum Wheel Co.	Detroit	Emery wheels	73	.....	73	.....
Nov. 8	Star Garage	Detroit	Auto repairing	3	.....	3	.....
June 11	Star Garment Co.	Detroit	Garments	1	9	10	.....
Dec. 27	Starkweather, Mrs. Ida	Detroit	Millinery	.....	3	3	.....
May 21	Star Wire Novelty Co.	Detroit	Wire novelties	6	7	13	1
Oct. 17	State Creamery Co.	Detroit	Dairy products	27	4	31	.....
June 8	Stawecki, T. J.	Detroit	Baked goods	3	.....	3	.....
May 16	Stearns, Frederick & Co.	Detroit	Pharmaceuticals	438	454	892	12
June 7	Stearns Register Co.	Detroit	Registers	5	.....	5	.....
April 19	Stecher, Paul J.	Detroit	Bicycle repairing	3	.....	3	.....
April 17	Stecker Electric & Machine Co.	Detroit	Electric supplies	144	66	210	.....
April 10	Stecker, H. J. Paper Box Co.	Detroit	Paper boxes	14	27	41	1
Jan. 2	Steel Mill Packing Co.	Detroit	Metallic packings	4	.....	4	.....
Aug. 6	Steeneck & Tegge	Detroit	Structural iron	8	1	9	.....
July 20	Steere Engineering Co.	Detroit	Machinery	49	.....	49	.....
Nov. 21	Steere, Thos.	Detroit	Furs	3	3	6	.....
June 15	Steinbrecher, Chas.	Detroit	Wagons	2	.....	2	.....
Jan. 7	Steiner, Louis	Detroit	Baked goods	9	.....	9	.....
Jan. 8	Steinheiser, C. P. Co.	Detroit	Building supplies	2	.....	2	.....
Aug. 27	Stephan Cigar Co.	Detroit	Cigars	3	47	50	3
Dec. 28	Sterling Coal Co.	Detroit	Coal	25	1	26	.....
Oct. 25	Sterling Garage	Detroit	Auto repairing	3	.....	3	.....
June 1	Sterling Motor Co.	Detroit	Auto parts	225	5	230	1
Oct. 17	Sterling & Skinner Mfg. Co., The	Detroit	Brass goods	94	2	96	7
June 6	Stevens, Frederic B.	Detroit	Castings	18	.....	18	.....
Nov. 16	Stevens, Frederic B.	Detroit	Foundry supplies	36	11	47	1
Jan. 2	Stevens, S. R.	Detroit	Harness	2	.....	2	.....
Oct. 17	Stewart, Martin & Co., Ltd.	Detroit	Job printing	6	.....	6	.....
Sept. 21	Stewart-Warner Speedometer Corporation	Detroit	Speedometers	18	3	21	.....
Aug. 14	Steyskal, Walter J.	Detroit	Custom clothing	7	3	10	.....
Dec. 7	Stinson, Miss S.	Detroit	Millinery	.....	3	3	.....
June 6	Stock, Jerome K.	Detroit	Flowers	5	.....	5	.....
May 10	Stocker Mfg. Co.	Detroit	Machine products	7	1	8	.....
Nov. 16	Stoddard, J. W.	Detroit	Millinery	1	2	3	.....
Aug. 20	Stoepel Co., The	Detroit	Auto repairing	7	.....	7	.....
Oct. 19	Stoll Printing House, The	Detroit	Printing	30	9	39	2
Dec. 4	Stone Millinery	Detroit	Millinery	.....	3	3	.....
Aug. 9	Stone & Sons	Detroit	Cleaning and dyeing	27	9	36	.....
July 27	Stott, David Flour Mills, Inc.	Detroit	Flour	86	4	90	1
Aug. 9	Stotts Printing Co.	Detroit	Job printing	5	1	6	1
Aug. 16	Strand, C. A. Co.	Detroit	Interior finish	8	4	12	.....
Dec. 5	Stratemeyer & Teetzel Co.	Detroit	Draperies and decorating	6	7	13	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
May 22	Streeter, E. H. Printing Co.	Detroit	Job printing	8	.....	8	.....
Aug. 21	Streufert, Elias	Detroit	Shoes	9	.....	9	.....
Aug. 21	Stroh Brewing Co., The	Detroit	Beer	314	4	318	.....
April 19	Stroh Casting Co.	Detroit	Castings	362	1	363	2
Dec. 7	Stromberg Motor Devices Co.	Detroit	Carburetors	6	2	8	.....
May 11	Stroup, F. J. Printing Co., The	Detroit	Job printing	19	8	27	.....
Aug. 27	Stuart Foundry Co.	Detroit	Castings	21	.....	21	.....
Aug. 22	Stubbs Co., The	Detroit	Lithographing	18	3	21	.....
Aug. 18	Studebaker Corporation, The	Detroit	Automobiles	5,550	285	5,835	47
Dec. 6	Studebaker Corporation, The	Detroit	Auto repairing	13	6	19	.....
Aug. 13	Sturdevant-Murray Mfg. Co.	Detroit	Windshields	6	5	11	.....
May 11	Suckert Loose-Leaf Cover Co., The	Detroit	Book binding	15	11	26	.....
Nov. 23	Suiter, W. A.	Detroit	Custom tailoring	2	.....	2	.....
Sept. 26	Sullivan-Bernhagen Co., The	Detroit	Roofing	17	.....	17	2
Nov. 16	Sullivan, D.	Detroit	Coal and coke	18	.....	18	.....
Nov. 21	Sullivan, Ladies' Hatter	Detroit	Millinery	.....	5	5	.....
Sept. 21	Sullivan Packing Co.	Detroit	Meats	7	.....	7	.....
Aug. 19	Sullivan Packing Co.	Detroit	Meats	210	6	216	.....
Dec. 31	Summerfield & Hecht	Detroit	Storage	19	.....	19	.....
Oct. 10	Sun Company	Detroit	Oils	33	1	34	.....
Nov. 30	Superior Hat Mfg. Co.	Detroit	Hats	1	1	2	.....
June 6	Superior Laundry	Detroit	Laundry	1	.....	1	.....
Dec. 27	Superior Machine & Engineering Co.	Detroit	Machinery	86	1	87	1
June 17	Superior Printing Co., The	Detroit	Job printing	4	.....	4	1
July 10	Superior Sand & Gravel Co.	Detroit	Building supplies	63	.....	63	3
June 14	Superior Seal & Stamp Co.	Detroit	Stencils	14	2	16	1
June 20	Surmann, Theo.	Detroit	Tailoring	2	1	3	.....
June 21	Sutherland, F. L. Co., The	Detroit	Leather and felts	23	8	31	2
Dec. 28	Svenagaard, Harry Sales Corporation, The	Detroit	Auto supplies	5	2	7	.....
May 10	Swail, W. H. Press	Detroit	Job printing	4	.....	4	.....
Nov. 16	Sweeti, S. A.	Detroit	Dressmaking	.....	13	13	.....
Oct. 31	Swift & Co.	Detroit	Meats	65	2	67	1
Aug. 31	Swift & Co.	Detroit	Meats	25	1	26	.....
Dec. 26	Swope & Froehlich	Detroit	Meats	23	1	24	.....
Dec. 10	Szalay, Louis	Detroit	Dairy products	5	.....	5	.....
Jan. 9	Taepke, Gust. H. Co.	Detroit	Flowers	5	1	6	.....
April 25	Tager Machine Works	Detroit	Machine repairing	2	.....	2	.....
Nov. 28	Tait Millinery	Detroit	Millinery	.....	3	3	.....
Oct. 1	Talbot Lumber & Coal Co.	Detroit	Lumber and coal	9	2	11	.....
Sept. 25	Tannenholz, B. & Co.	Detroit	Liquor	10	10	20	.....
Nov. 30	Tashmoo Dry Cleaning Co., The	Detroit	Dry cleaning	2	4	6	.....
Nov. 27	Taxi-Cab Service Co., The	Detroit	Passenger service	65	7	72	.....
Dec. 4	Taylor Electric Garage	Detroit	Auto repairing	11	.....	11	.....
April 30	Taylor Supply Co., The	Detroit	Pipe cutting	10	4	14	.....
May 31	Taylor, Wm. H.	Detroit	Plumbing	5	.....	5	.....
Oct. 26	Tecla Electrical Laboratory	Detroit	Electrical goods	11	1	12	.....
Oct. 26	Tegge, Wm. & Co.	Detroit	Cigars	8	172	180	.....
Nov. 20	Telfer Coffee Co.	Detroit	Coffee	7	5	12	.....
April 12	Ternes Coal & Lumber Co.	Detroit	Coal and lumber	54	3	57	.....
Sept. 4	Ternes Coal & Lumber Co.	Detroit	Lumber	9	.....	9	.....
Aug. 30	Ternstedt Mfg. Co.	Detroit	Window regulators	39	.....	39	.....
Aug. 10	Tessmer Machine & Tool Co.	Detroit	Auto parts	34	1	35	.....
Jan. 4	Theatrical Advertising Co.	Detroit	Job printing	2	2	4	.....
Aug. 21	Theisen & Raths	Detroit	Auto accessories	9	.....	9	.....
April 30	Theisen & Raths	Detroit	Auto repairing	6	.....	6	.....
April 25	Theisen Trunk Co.	Detroit	Trunks	32	5	37	.....
May 7	Thiery & Kendrick Mfg. Co.	Detroit	Brass goods	108	.....	108	.....
Nov. 7	Thompson, Alex	Detroit	Custom clothing	1	1	2	.....
Sept. 21	Thompson Auto Co.	Detroit	Motor trucks	16	5	21	.....
Oct. 9	Thompson, F. A. & Co.	Detroit	Chemicals	78	23	101	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
April 27	Thomson, L. A	Detroit	Cabinets	5	1	6	.....
Dec. 12	Thornton & Wogatzke	Detroit	Millinery	.....	3	3	.....
Nov. 22	Thorp, Hawley & Co	Detroit	Candy	14	29	43	.....
May 4	Tibble & Sielaff	Detroit	Models	20	.....	20	.....
May 29	Tiemann-Armstrong Printing Co	Detroit	Job printing	9	6	15	1
Oct. 25	Tietze, L. & Co	Detroit	Cleaning, etc	14	12	26	.....
Aug. 29	Tilden Saw Co	Detroit	Butcher saws	12	26	38	.....
Oct. 23	Times Printing Co	Detroit	Job printing	6	2	8	.....
July 26	Timken-Detroit Axle Co., The	Detroit	Axles	1,661	20	1,681	8
July 6	Timken-Detroit Axle Co., The	Detroit	Axles	2,943	80	3,023	6
Oct. 31	Tire & Auto Service Co., Inc	Detroit	Auto repairing	18	.....	18	.....
Aug. 9	Tivoli Brewing Co	Detroit	Beer	114	3	117	.....
Dec. 28	Tobias, Aimee & Co	Detroit	Millinery	.....	12	12	.....
June 15	Toledo Plate & Window Glass Co., The	Detroit	Glass	32	4	36	.....
April 25	Tomlinson & Co	Detroit	Turpentine	3	1	4	.....
Aug. 27	Tonn & Schreiber	Detroit	Lumber	16	.....	16	.....
Dec. 3	Topping-Sanders Co	Detroit	Printing	82	27	109	6
May 17	Touzeau, E. E	Detroit	Furnaces	4	.....	4	.....
Dec. 4	Towar-Ayers Co., The	Detroit	Motor repairing	15	2	17	.....
June 1	Towar-Ayers Co., The	Detroit	Auto repairing	97	5	102	.....
Nov. 1	Towar-Wayne County Creamery	Detroit	Wagon drivers	71	.....	71	.....
Nov. 1	Towar-Wayne County Creamery	Detroit	Dairy products	152	7	159	.....
Nov. 1	Towar-Wayne County Creamery	Detroit	Wagon repairing	4	.....	4	.....
May 29	Trade Journal Assn., The	Detroit	Printed matter	3	1	4	.....
Nov. 13	Traub Bros. & Co	Detroit	Jewelry	29	3	32	3
Jan. 2	Traub Mfg. Co., The	Detroit	Jewelry	43	16	59	7
Nov. 20	Trevithick, W	Detroit	Merchant tailoring	1	.....	1	.....
April 5	Triangle Machine Co	Detroit	Auto parts	13	.....	13	.....
Oct. 18	Trippensee Mfg. Co., The	Detroit	Auto bodies	169	2	171	.....
Aug. 17	Trojan Laundry Co	Detroit	Laundry	57	163	220	.....
Aug. 10	Trombley, C	Detroit	Lumber	13	.....	13	.....
Aug. 16	Trossell, John B	Detroit	Bicycles	3	.....	3	.....
Nov. 14	Trost, William J	Detroit	Jewelry	3	1	4	.....
May 8	Troy-Goldbrook Creamery	Detroit	Dairy products	60	3	63	.....
Nov. 26	Troy Laundry, The	Detroit	Laundry	14	32	46	.....
April 13	Troy Mfg. Co., The	Detroit	Auto painting, etc	131	.....	131	.....
Oct. 9	Troy Milk Co	Detroit	Dairy products	42	2	44	.....
Dec. 3	Trump, E. B	Detroit	Millinery	.....	5	5	.....
April 24	Trussed Concrete Steel Co	Detroit	Structural steel	10	1	11	.....
May 18	Tschirhart, A. F	Detroit	Job printing	2	.....	2	.....
June 12	Tufting Machine Supply Co	Detroit	Machine supplies	4	1	5	.....
June 7	Tullar Envelope Co	Detroit	Envelopes	10	24	34	1
June 20	Turner & Butler Coal Co	Detroit	Coal and coke	9	.....	9	2
Oct. 19	Turner Cartage Co	Detroit	Cartage	62	3	65	.....
May 3	Turner & Moore Mfg. Co	Detroit	Machinery	134	.....	134	.....
May 29	Turner Printing Co., The	Detroit	Job printing	2	2	4	.....
June 11	Tuttle & Clark	Detroit	Harness and trunks	45	7	52	.....
Dec. 6	Twin Fire Spark Plug Co	Detroit	Spark plugs	4	5	9	.....
Aug. 9	Typewriter and Supplies Co., The	Detroit	Typewriters	2	.....	2	.....
Oct. 30	Ulco Oil Co	Detroit	Oils	9	1	10	.....
Aug. 27	Underwood Typewriter Co	Detroit	Typewriters	18	11	29	.....
Oct. 1	Union Brewing Co., The	Detroit	Beer	20	.....	20	.....
May 18	Union Cap Screw Co	Detroit	Cap screws	16	2	18	.....
Oct. 30	Union Coal Co	Detroit	Coal and coke	6	1	7	1
April 6	Union Drawn Steel Co	Detroit	Steel	11	3	14	.....
May 15	Union Electrical Construction Co., Inc	Detroit	Electrical supplies	12	.....	12	.....
Dec. 27	Union Paper & Twine Co., The	Detroit	Paper, etc	43	18	61	1
Oct. 11	Union Sheet Metal Works	Detroit	Sheet metal	10	1	11	.....
Nov. 15	Union Truck Co	Detroit	Cartage	29	.....	29	1
Dec. 6	United Electric Service Co	Detroit	Storage batteries	10	2	12	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
April 24	United Forge & Machine Co.	Detroit	Forging	19	.....	19	.....
Nov. 7	United Fuel & Supply Co.	Detroit	Building supplies	14	.....	14	.....
Nov. 7	United Fuel & Supply Co.	Detroit	Building supplies	13	.....	13	.....
Aug. 23	United Fuel & Supply Co.	Detroit	Coal and supplies	21	.....	21	.....
Aug. 23	United Fuel & Supply Co.	Detroit	Coal and supplies	11	.....	11	.....
Aug. 23	United Fuel & Supply Co.	Detroit	Coal and supplies	105	.....	105	.....
Aug. 24	United Fuel & Supply Co.	Detroit	Coal and supplies	43	.....	43	.....
Aug. 24	United Fuel & Supply Co.	Detroit	Coal and supplies	86	.....	86	.....
April 16	United Fuel & Supply Co.	Detroit	Plaster	25	.....	25	.....
Nov. 7	United Fuel & Supply Co.	Detroit	Wagon repairing	10	.....	10	.....
Nov. 7	United Fuel & Supply Co.	Detroit	Auto repairing	13	.....	13	.....
Nov. 7	United Fuel & Supply Co.	Detroit	Coal, etc.	49	.....	49	.....
Oct. 10	United Fuel & Supply Co.	Detroit	Building supplies	69	.....	69	.....
Sept. 11	United Fuel & Supply Co.	Detroit	Building supplies	23	.....	23	.....
Sept. 11	United Fuel & Supply Co.	Detroit	Building supplies	19	.....	19	.....
Sept. 11	United Fuel & Supply Co.	Detroit	Building supplies	35	.....	35	.....
Sept. 5	United Garage & Tire Repair Co.	Detroit	Auto repairing	8	.....	8	.....
Dec. 21	United Light Stores Co.	Detroit	Fixtures	13	3	16	.....
June 20	U. S. Cap Mfg. Co., The	Detroit	Headwear	46	12	58	.....
April 26	U. S. Frumentum Co., The	Detroit	Frumentum	24	3	27	.....
April 27	U. S. Gypsum Co.	Detroit	Plaster	39	.....	39	.....
Sept. 5	U. S. Paper Stock Co.	Detroit	Junk	3	3	6	.....
Nov. 27	U. S. Pattern & Mfg. Co.	Detroit	Patterns	18	.....	18	.....
Aug. 29	United States Radiator Co.	Detroit	Boilers and radiators	217	1	218	1
Oct. 30	Universal Bottle Washer Co.	Detroit	Machinery	19	1	20	.....
June 18	Universal Button Fastening & Button Co.	Detroit	Buttons, etc.	121	107	228	2
Aug. 31	Universal Film Mfg. Co.	Detroit	Films	7	8	15	.....
June 22	Universal Hat & Cap Mfg. Co., The	Detroit	Hats and caps	13	3	16	.....
Dec. 31	Universal Machine Co., The	Detroit	Machinery	4	.....	4	.....
April 25	Universal Products Co.	Detroit	Universal joints	35	1	36	.....
May 18	Universal Service Co.	Detroit	Motor trucks	34	3	37	.....
June 15	Universal Solder Co.	Detroit	Solder	4	.....	4	.....
April 12	Universal Tire & Repair Co.	Detroit	Tire repairing	4	.....	4	.....
Oct. 4	Utility Compressor Co.	Detroit	Air compressors	4	1	5	.....
Nov. 2	Utter, J. J. & Co.	Detroit	Blacksmithing	3	.....	3	.....
April 20	Van Alstyne, J. S.	Detroit	Photo engraving	14	.....	14	.....
Oct. 15	Van Antwerp & Co.	Detroit	Coal and coke	17	1	18	.....
Jan. 7	Van Damme, Cyril	Detroit	Baked goods	8	2	10	.....
June 20	Van Dyke Bakery Co.	Detroit	Baked goods	27	.....	27	.....
April 26	Van Leyen & Hensler	Detroit	Engraving	44	.....	44	1
April 26	Van Riper & McVicar	Detroit	Machinery	4	.....	4	.....
June 11	Vaughn Roofing Co.	Detroit	Gravel roofing	13	.....	13	.....
June 18	Vaughn, Wm. W. Co.	Detroit	Condiments	11	6	17	.....
Oct. 30	Velick Scrap Iron & Machinery Co.	Detroit	Junk	19	.....	19	.....
June 22	Velvet Mint Gum Co.	Detroit	Gum	2	2	4	.....
May 1	Venderbush Co., The	Detroit	Exhaust fans	12	.....	12	.....
Aug. 9	Venetian Marble Mosaic Art Co.	Detroit	Marble	44	1	45	.....
Dec. 3	Venn, Ernest	Detroit	Plumbing	10	.....	10	.....
June 20	Vernor, James Co.	Detroit	Ginger ale	25	6	31	.....
June 20	Vernor, James Co.	Detroit	Power	8	.....	8	.....
May 12	Vhay Fisheries Co.	Detroit	Fish	3	1	4	.....
Dec. 26	Vickery, G. H.	Detroit	Coal	6	1	7	.....
Aug. 8	Victor Jar Co., The	Detroit	Jar clamps	7	1	8	.....
April 24	Victor Knitting Mills	Detroit	Knit goods	4	30	34	.....
June 4	Victor Rubber Stamp Co.	Detroit	Rubber stamps	2	1	3	.....
Sept. 5	Victor Screw Works	Detroit	Screws	49	3	52	2
Nov. 21	Victor Vulcanizing Co.	Detroit	Tire repairing	3	.....	3	.....
Dec. 20	Viger's Coal & Wood Co.	Detroit	Coal, coke and wood	25	1	26	.....
Aug. 13	Vincent Steel Process Co., The	Detroit	Steel	114	6	120	6
Dec. 4	Vitale, Chas. A.	Detroit	Ladies' tailoring	2	2	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
May 17	Vitrolite Sanitary Construction Co.	Detroit	Vitrolite	11	1	12	.....
Aug. 8	Viviano, S. Macaroni Mfg. Co	Detroit	Macaroni	23	3	26	5
June 11	Voellmig's Bakery	Detroit	Baked goods	11	2	13	.....
Dec. 3	Vogue Hat Shop	Detroit	Millinery	.....	3	3	.....
Oct. 25	Voigt Brewing Co., The	Detroit	Beer	43	.....	43	.....
Aug. 10	Volk Stamp & Stencil Co	Detroit	Stamps and stencils	6	1	7	2
June 6	Von Mach, M. E	Detroit	Decorating	22	.....	22	.....
Oct. 11	Wabash Railway Co	Detroit	Freight	6	2	8	.....
Nov. 2	Wabash Railway Co	Detroit	Freight	217	24	241	5
Aug. 8	Wadsworth-Campbell Box Co	Detroit	Cigar boxes	83	89	172	38
July 24	Wadsworth Mfg. Co	Detroit	Auto bodies	392	12	404	.....
Oct. 18	Wagner Baking Co., The	Detroit	Baked goods	183	7	190	.....
Oct. 30	Wagner Laundry	Detroit	Laundry	8	17	25	1
April 5	Wagstaff Coffee Co	Detroit	Coffee and tea	13	3	16	.....
Sept. 18	Waisman Bros	Detroit	Plumbing	6	1	7	.....
Aug. 3	Walker & Co	Detroit	Advertising	138	6	144	.....
Nov. 1	Walker Foundry Co	Detroit	Brass castings	4	.....	4	.....
Sept. 5	Walker & Frank Brick Co	Detroit	Brick	49	.....	49	.....
May 14	Walker, Jos. A	Detroit	Electric welding	5	1	6	.....
Nov. 30	Walker-Saxe Motor Co	Detroit	Auto sales	54	2	56	.....
Dec. 26	Walker-Shinn Co	Detroit	Decorating	22	.....	22	.....
Jan. 3	Walker, Tom H	Detroit	Wagons	4	.....	4	.....
Jan. 8	Walker, Wm	Detroit	Baked goods	6	1	7	1
Oct. 17	Wallace, Hugh Co	Detroit	Robes and coats	18	20	38	.....
Oct. 30	Wallich, Chas. J	Detroit	Interior finish, etc	19	.....	19	.....
April 27	Walsh, Richard	Detroit	Plumbing	4	.....	4	.....
June 7	Walter Machine Co., The	Detroit	Machinery	66	1	67	1
Jan. 7	Walters, R	Detroit	Cigars	2	5	7	.....
Dec. 4	Walton, E. & Co	Detroit	Dressmaking	1	36	37	.....
Jan. 8	Wals, Jacob	Detroit	Baked goods	3	.....	3	1
Oct. 9	Ward-Tesch Mfg. Co	Detroit	Jewelry	9	1	10	.....
April 19	Ware, E. H. P	Detroit	Blacksmithing	2	.....	2	.....
June 8	Warncke, Chas	Detroit	Flowers	4	4	8	.....
June 8	Warncke, John H	Detroit	Flowers	8	4	12	.....
Dec. 4	Warren, Alice A	Detroit	Millinery	.....	3	3	.....
July 20	Warren, Thos. N. Machine Co	Detroit	Machinery	3	.....	3	.....
Aug. 15	Warsaw Candy Co	Detroit	Candies	2	5	7	.....
Dec. 7	Warwood Motor Sales Co	Detroit	Auto sales and repairing	6	1	7	.....
Oct. 1	Washington Steam Laundry	Detroit	Laundry	5	14	19	.....
Jan. 10	Wasmus Printing House, The	Detroit	Job printing	5	.....	5	.....
June 1	Waterman Motor Co., The	Detroit	Motors	76	10	86	.....
Dec. 4	Watkins & Radcliffe Co	Detroit	Plumbing, etc	5	.....	5	.....
Oct. 9	Watson Co., The	Detroit	Tailoring	6	3	9	.....
Jan. 2	Watson, Miss E. M	Detroit	Dressmaking	1	10	11	.....
Nov. 30	Wavenlock Perfume & Supply Co	Detroit	Toilet goods	8	3	11	1
June 12	Wayne Candy Co	Detroit	Candy	8	.....	8	1
Jan. 2	Wayne County Moving & Storage Co.	Detroit	Storage	30	.....	30	.....
Oct. 12	Wayne Cigar Co	Detroit	Cigars	19	363	382	.....
Nov. 20	Wayne Colorplate Co., The	Detroit	Photo engraving	15	1	16	1
June 6	Wayne Furniture Packing Co	Detroit	Moving and storage	9	.....	9	.....
May 9	Wayne Marble Co	Detroit	Marble	24	.....	24	2
June 13	Wayne Pattern Works	Detroit	Patterns	9	.....	9	2
April 6	Wayne Printing Co., The	Detroit	Job printing	16	1	17	.....
Nov. 19	Wayne Publishing Co	Detroit	Art printing	7	11	18	.....
June 8	Wayne Soap Co	Detroit	Soap	11	2	13	.....
June 7	Wayne Tool Co	Detroit	Tools, etc	33	.....	33	.....
Jan. 7	Webber, H. C. & Son	Detroit	Baked goods	3	2	5	.....
Nov. 16	Webber, J	Detroit	Sheet metal	2	1	3	.....
Aug. 7	Weber, J. F. & Co	Detroit	Interior finish	73	.....	73	.....
Nov. 30	Weber, Wm. & Co	Detroit	Furniture repairing	4	.....	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
July 20	Webster & McCausey Lumber Co.	Detroit	Lumber, etc	41	1	42	.....
May 7	Wedell & Boers	Detroit	Leather goods	6	1	7	.....
Aug. 7	Wegner's, A. Sons	Detroit	Soft drinks	54	2	56	.....
Dec. 21	Weiler, J.	Detroit	Candy	15	12	27	1
Nov. 28	Weinberg, J.	Detroit	Tailoring	3	.....	3	.....
Aug. 15	Weir, Thomas	Detroit	Cleaning and tailoring	7	6	13	.....
Dec. 6	Weiss, Miss B.	Detroit	Millinery	.....	3	3	.....
May 18	Weiss, Gus	Detroit	Wagon repairing	2	.....	2	.....
May 17	Weiss-Kemnits	Detroit	Baked goods	8	4	12	.....
Aug. 3	Welded Steel Barrel Cor., The	Detroit	Tanks and barrels	100	2	102	.....
Aug. 24	Weller Laundry Co.	Detroit	Laundry	17	51	68	1
April 18	Wells, Fred	Detroit	Wagon repairing	3	.....	3	.....
Aug. 31	Welsh, W. E.	Detroit	Coal and coke	6	.....	6	.....
April 24	Welsmore Mfg. Co., Inc.	Detroit	Tools	26	1	27	1
July 13	Wessels, D. D.	Detroit	Laundry tubs	15	1	16	.....
Nov. 28	West Art Association	Detroit	Picture frames	6	2	8	.....
June 8	West Detroit Times	Detroit	Printed matter	3	1	4	.....
Sept. 7	West End Bottling Works	Detroit	Soft drinks	16	.....	16	.....
Jan. 15	West End Hand Laundry	Detroit	Laundry	2	3	5	.....
Oct. 16	Western Cut-rate Carpet Cleaning Works	Detroit	Cleaning carpets	18	3	21	.....
Oct. 25	Western Electric Co.	Detroit	Electric supplies	68	4	72	5
Aug. 14	Western Gear Mfg. Co.	Detroit	Auto parts and gears	8	.....	8	.....
Aug. 15	Western Market Garage	Detroit	Auto repairing	6	.....	6	.....
Nov. 1	Western Newspaper Union	Detroit	Printing	26	2	28	.....
May 11	Western Paper Box Co., The	Detroit	Paper boxes	11	28	39	2
Jan. 8	Western Rosin & Turpentine Co., The	Detroit	Turpentine, etc	7	2	9	.....
Aug. 6	Western Union Telegraph Co., The	Detroit	Repairing	14	.....	14	.....
Aug. 6	Western Union Telegraph Co., The	Detroit	Telegraph service	211	190	401	5
Aug. 6	Western Union Telegraph Co., The	Detroit	Construction	4	1	5	.....
Aug. 6	Western Union Telegraph Co., The	Detroit	Telegraph service	185	65	250	165
April 20	Westgate-Pringle Co.	Detroit	Furniture	11	9	20	.....
Sept. 7	West Michigan Electrical Co.	Detroit	Electrical supplies, etc	9	.....	9	1
Aug. 21	West Printing Co.	Detroit	Job printing	11	2	13	3
Oct. 18	West Side Brewery Co., Ltd.	Detroit	Beer	106	1	107	.....
June 12	West Side Electric Co., The	Detroit	Electrical supplies	16	2	18	4
May 16	West Side Feed Co.	Detroit	Hay and grain	4	.....	4	.....
May 28	West Side Garage	Detroit	Auto repairing	3	.....	3	.....
April 30	West Side Laundry Co.	Detroit	Laundry	12	43	55	.....
Aug. 21	West Side Tent & Awning Co.	Detroit	Awnings and tents	7	6	13	.....
June 1	West Side Upholstering Co.	Detroit	Upholstering	3	.....	3	.....
Aug. 17	Wettlaufer Bros.	Detroit	Machinery	2	.....	2	.....
May 21	Wetzel Engraving Co., The	Detroit	Engraving	2	.....	2	.....
Jan. 8	Wetzel, Jos.	Detroit	Coal	6	.....	6	.....
June 7	Weyermiller & Mueller	Detroit	Furniture repairing	6	.....	6	.....
Nov. 23	Weyhing Bros. Mfg. Co.	Detroit	Jewelry	12	5	17	.....
Jan. 10	Wheel Truing Brake Shoe Co.	Detroit	Brake shoes	5	1	6	.....
Nov. 9	Wheeler-Schebler Carburetor Co.	Detroit	Carburetors	3	1	4	.....
Nov. 8	White & Fisher	Detroit	Plumbing	11	.....	11	.....
July 19	Whitehead & Kales Iron Works, The	Detroit	Structural steel	350	.....	350	3
Nov. 1	White House Bakery, The	Detroit	Baked goods	5	1	6	.....
May 11	White House Preserving Co.	Detroit	Salad dressing	2	2	4	.....
Jan. 8	White Service	Detroit	Auto repairing	4	1	5	.....
Oct. 4	White Star Refining Co.	Detroit	Oils and greases	18	9	27	.....
June 6	White Sun Laundry	Detroit	Laundry	2	2	4	.....
Sept. 27	White, W. J. & Co.	Detroit	Color cards	20	21	41	.....
April 9	Whitney Painting Co.	Detroit	Painting	51	.....	51	.....
Aug. 21	Whittaker, John & Co.	Detroit	Interior finish	51	2	53	.....
July 11	Widman, J. C. & Co.	Detroit	Furniture	197	19	216	.....
April 10	Wieber & Haselhuhn	Detroit	Printing	3	1	4	.....
Dec. 12	Wierzbickie, Agnes & Co.	Detroit	Millinery	.....	5	5	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Dec. 31	Wiesemann, Wm	Detroit	Baked goods	3	1	4	.....
Oct. 15	Willard Storage Battery Co	Detroit	Storage batteries	23	12	35	1
Nov. 2	Willard Storage Battery Co	Detroit	Batteries	11	.....	11	.....
Nov. 23	Willens, S. & Co	Detroit	Typesetting	4	2	6	1
Dec. 3	Williams, F. L. Shirt Factory	Detroit	Shirts	.....	2	2	.....
Jan. 4	Williams, Harry	Detroit	Auto wheels	4	.....	4	.....
May 29	Williams & Houghton	Detroit	Job printing	15	4	19	1
July 18	Willing, H. L. Co., The	Detroit	Overalls	8	80	88	.....
Oct. 24	Wilson, C. R. Body Co	Detroit	Auto bodies	1,476	10	1,486	2
Aug. 30	Wilson, C. R. Body Co	Detroit	Auto bodies	256	.....	256	.....
Nov. 14	Wilson, Henry E	Detroit	Show cards, etc	4	.....	4	1
July 11	Wilson, J. C. Co	Detroit	Auto trucks	94	9	103	.....
Aug. 6	Wilson, J. H. & Sons Creamery Co	Detroit	Dairy products	43	2	45	.....
Oct. 29	Wilson Millinery	Detroit	Millinery	.....	4	4	.....
Nov. 20	Wilson Oyster Co	Detroit	Wholesale oysters	8	.....	8	.....
May 21	Wilson Printing Co., The	Detroit	Printing	10	3	13	.....
Oct. 30	Wilt Machine Co	Detroit	General repairing	3	.....	3	.....
April 26	Winckler, Fred C	Detroit	Fireless cookers	43	5	48	.....
Aug. 31	Winder Garage Co	Detroit	Auto repairing	4	1	5	.....
May 18	Winder Printing Co	Detroit	Job printing	6	6	12	.....
Nov. 22	Windisch, Wm. C. Co., The	Detroit	Book binding	11	21	32	1
June 21	Wing, J. T. & Co	Detroit	Metal	68	.....	68	.....
July 17	Winkley Co., The	Detroit	Oiling devices	505	141	646	12
Dec. 12	Winkworth Fuel & Supply Co	Detroit	Coal & building supplies	16	3	19	.....
June 11	Winkworth Fuel & Supply Co	Detroit	Fuel & building supplies	21	1	22	.....
Nov. 28	Winney & Bidwell Auto Trimming Co	Detroit	Auto trimming	7	4	11	.....
Nov. 13	Winstanley, N. E	Detroit	Jewelry	4	.....	4	1
Dec. 26	Winterich & Curtis	Detroit	Decorating, etc	32	.....	32	.....
Aug. 16	Winton Co., The	Detroit	Auto repairing	43	.....	43	.....
Dec. 5	Wire Wheel Corporation of America	Detroit	Wire wheels	1	1	2	.....
Oct. 8	Wise Electro Sherardizing Co., The	Detroit	Electro sherardizing	8	.....	8	.....
Nov. 15	Witchell-Sheill Co	Detroit	Shoes	50	44	94	5
Nov. 22	Withey, Lyta J	Detroit	Dressmaking	1	15	16	.....
Dec. 12	Witt, Mrs. A	Detroit	Millinery	.....	2	2	.....
Aug. 15	Wittelsberger, F. B	Detroit	Baked goods	13	1	14	.....
Dec. 5	Wohl Ladies' Tailor	Detroit	Tailoring	2	3	5	.....
May 22	Wohnlich, Louis J	Detroit	Instruments	2	.....	2	.....
Dec. 7	Wolcott, Miss A	Detroit	Millinery	.....	4	4	.....
April 30	Wollenberg Coal Co	Detroit	Coal and coke	4	1	5	.....
Jan. 9	Wolverine Burial Case Co	Detroit	Burial cases	5	1	6	.....
July 14	Wolverine Cartage Co	Detroit	Trucking	3	.....	3	.....
July 26	Wolverine Electric Co	Detroit	Electrical supplies	4	.....	4	.....
May 15	Wolverine Engraving Co	Detroit	Engraving	20	.....	20	1
Jan. 7	Wolverine Fish Co., The	Detroit	Fish	5	.....	5	.....
Jan. 7	Wolverine Foundry Co	Detroit	Castings	13	.....	13	.....
June 22	Wolverine Leather Goods Co	Detroit	Leather goods	14	2	16	.....
May 24	Wolverine Mfg. Co	Detroit	Furniture	240	10	250	.....
Aug. 27	Wolverine Optical Co	Detroit	Optical goods	20	16	36	3
July 6	Wolverine Pattern Works	Detroit	Patterns	13	.....	13	.....
Nov. 30	Wolverine Printing Co	Detroit	Job printing	3	5	8	1
June 11	Wolverine Saw Co., The	Detroit	Saws	6	.....	6	.....
Oct. 18	Wolverine Stamping Co	Detroit	Metal stampings	10	.....	10	.....
May 11	Wolverine Tube Co	Detroit	Tubing	14	.....	14	.....
Oct. 4	Wolverine Wiping Cloth Co	Detroit	Wiping cloths	8	12	20	.....
Nov. 9	Woman's Hospital & Infants' Home	Detroit	Laundry	3	34	37	.....
Nov. 16	Wood, A. E. & Co	Detroit	Millinery	2	10	12	1
Nov. 20	Wood, Albert F	Detroit	Perfumes	7	9	16	.....
Aug. 21	Wood Hydraulic Hoist & Body Co	Detroit	Hydraulic hoists	115	7	122	.....
April 24	Woodbridge Garage	Detroit	Auto repairing	4	.....	4	.....
Oct. 18	Woodison, E. J. Co., The	Detroit	Foundry supplies	54	10	64	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Nov. 5	Woodward Candy Co	Detroit	Candy	1	1	2	.....
July 27	Woodward's Garage	Detroit	Auto repairing	2	.....	2	.....
Nov. 1	Woodward Press	Detroit	Job printing	4	.....	4	.....
Nov. 28	Woodward Tire & Repair Co	Detroit	Auto repairing, etc	11	1	12	.....
June 13	Work-Organiser Specialties Co	Detroit	Printing	1	4	5	.....
June 4	World Film Corporation	Detroit	Films	4	4	8	.....
June 4	Wotzke, Frank & Son	Detroit	Coal and feed	8	.....	8	.....
Nov. 23	Wright, Kay & Co	Detroit	Jewelry	32	6	38	.....
May 8	Wright Mfg. Co., The	Detroit	Low water alarms	4	2	6	.....
Dec. 21	Wright, William Co	Detroit	Decorating	53	18	71	.....
April 12	Wroblewski, Anthony P	Detroit	Plumbing and heating	13	.....	13	.....
Dec. 4	Wurm, Otto A. & Co	Detroit	Plumbing and heating	28	2	30	.....
Nov. 19	Wynne, P. F	Detroit	Trucking	17	.....	17	.....
July 13	Yankee Auto Specialty Co., Inc	Detroit	Auto specialties	2	.....	2	.....
Sept. 13	Yates, Jos. S	Detroit	Custom clothing	16	1	17	.....
Aug. 9	Yellow Taxicab Co	Detroit	Taxicab service	80	4	84	.....
May 24	Yeomans Box Co	Detroit	Boxes and crates	118	2	120	3
June 8	Yipe, M. J	Detroit	Coal, etc	4	.....	4	.....
Dec. 28	Yost, Geo. P. Fur Co	Detroit	Furs	11	23	34	.....
Oct. 22	Youngblood Cleaning Co	Detroit	Cleaning and dyeing	6	6	12	.....
Aug. 7	Youngblood, P. J	Detroit	Plumbing	6	.....	6	1
May 8	Young Bros. Co	Detroit	Sheet metal	102	2	104	.....
Nov. 28	Young Millinery	Detroit	Millinery	.....	6	6	.....
Dec. 4	Your Millinery	Detroit	Millinery	1	2	3	.....
Sept. 4	Zagelmeyer Cast Stone Co	Detroit	Cast stone	51	.....	51	.....
Aug. 16	Zander Bros	Detroit	Custom clothing	14	8	22	.....
Nov. 30	Zanger, G. W	Detroit	Furs	6	6	12	.....
Nov. 22	Zeisler, Conrad	Detroit	Baked goods	3	.....	3	.....
Nov. 23	Zeits, John	Detroit	Custom tailoring	3	.....	3	.....
July 11	Zenith Carburetor Co., The	Detroit	Carburetors	223	15	238	3
June 12	Zenner Disinfectant Co., The	Detroit	Disinfectants	10	12	22	.....
Nov. 19	Zimmerman Pattern Works	Detroit	Wood & metal patterns	7	.....	7	1
Aug. 15	Zindler, Edward & Co	Detroit	Job printing	3	.....	3	.....
May 4	Zinnbauer Bros	Detroit	Auto repairing	4	1	5	.....
April 29	Ziolko, Jos	Detroit	Baked goods	3	.....	3	.....
Jan. 3	Zion Baking Co	Detroit	Baked goods	3	1	4	.....
Sept. 18	Ziske, Leo A	Detroit	Upholstering	5	.....	5	.....
Nov. 20	Zoellner Printing Co	Detroit	Printing	3	.....	3	.....
Sept. 13	Zoltowski, Thomas	Detroit	Beer	10	1	11	.....
Oct. 8	Beaubien Ice & Coal Co	Ecorse	Ice and coal	8	.....	8	.....
Oct. 15	Ecorse Foundry & Machine Co	Ecorse	Castings	88	1	89	.....
Sept. 17	Millenbach Brothers Co	Ecorse	Rendering	26	.....	26	.....
Oct. 18	Montie, Albert L	Ecorse	Coal, wood and ice	4	.....	4	.....
Oct. 5	Raupp, G. A	Ecorse	Lumber and coal	5	.....	5	.....
Oct. 5	Robinson Machine Co	Ecorse	Machinery repairing	29	1	30	2
Oct. 8	Transport Oil Corporation	Ecorse	Oils	7	.....	7	.....
Oct. 5	Wolverine Salt Co	Ecorse	Salt	16	.....	16	.....
Oct. 8	Worcester Salt Co	Ecorse	Salt	91	5	96	.....
Oct. 9	Wayne County Infirmary	Eloise	Laundry	3	4	7	.....
Sept. 24	Brandes, George H	Flat Rock	Auto repairing	6	.....	6	.....
Sept. 24	Bryant Brothers	Flat Rock	Flour and lumber	7	1	8	.....
Sept. 24	Metler, Curtis L	Flat Rock	Flour and lumber	9	.....	9	.....
Sept. 24	Detroit Pneumatic Chuck Co	Flat Rock	Special fixtures	25	1	26	.....
Sept. 24	Libby, McNeill & Libby	Flat Rock	Canned goods	10	1	11	.....
Oct. 5	American Chemical Co., The	Ford	Sal soda	1	1	2	.....
Oct. 4	Ford, J. B. Co., The	Ford	Alkali	125	69	194	1
Oct. 4	Michigan Alkali Co	Ford	Soda ash	1,123	9	1,132	12
Oct. 4	Michigan Alkali Co	Ford	Bi-carbonate of soda	48	.....	48	.....
Oct. 4	Michigan Alkali Co	Ford	Coke	106	.....	106	.....
Oct. 4	Michigan Alkali Co	Ford	Castings	207	.....	207	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Sept. 20	Detroit Reduction Co	French Landing	Fertilizer	95	.....	95	2
Oct. 15	Otis Cement Construction Co	Greenfield	Builders' supplies	10	1	11	.....
Oct. 8	Acme White Lead & Color Works	Hamtramck	Paint and varnish	379	130	509	8
Sept. 20	American Radiator Co	Hamtramck	Radiators	554	4	558	2
Sept. 18	Auto City Brewing Co	Hamtramck	Beer	37	.....	37	.....
Sept. 12	Baker, R. D. Co., The	Hamtramck	Paving contracting	10	.....	10	.....
Sept. 12	Briggs Mfg. Co	Hamtramck	Body trimming	518	167	685	.....
Sept. 11	Detroit Tire Carrier Co	Hamtramck	Tire carriers, etc	132	7	139	.....
Sept. 14	Dodge Brothers	Hamtramck	Motor cars	13935	454	14389	150
Nov. 8	Hamtramck Laundry	Hamtramck	Laundry	6	20	26	.....
Oct. 8	Hamtramck Lumber & Supply Co	Hamtramck	Lumber	30	1	31	.....
Sept. 27	Hygea Filter Co	Hamtramck	Water filters	17	2	19	1
Sept. 27	Jeffery-De Witt Co	Hamtramck	Porcelain ware	230	372	602	9
Nov. 8	Jozefiak, I. E	Hamtramck	Coal and coke	14	1	15	.....
Oct. 29	Michigan Builders' Supply Co	Hamtramck	Coal and coke	14	.....	14	.....
Sept. 27	Michigan Cut Stone Co	Hamtramck	Cut stone	8	.....	8	.....
Sept. 21	Michigan Smelting & Refining Co	Hamtramck	Metal refining	239	8	247	.....
Sept. 12	Michigan Steel Tube Products Co	Hamtramck	Steel tubing	147	3	150	.....
Oct. 19	Nelson-Blanck Mfg. Co	Hamtramck	Auto parts	55	3	58	.....
Sept. 28	Russell Motor Axle Co	Hamtramck	Gears	124	.....	124	1
Sept. 19	Russell Wheel & Foundry Co	Hamtramck	Castings	507	4	511	14
Oct. 30	Smith, John E. Cut Stone Co	Hamtramck	Cut stone	9	.....	9	.....
Oct. 2	Thomas Steel Reinforcement Co	Hamtramck	Steel reinforcements	22	1	23	.....
Oct. 29	The Trus-Con Laboratories	Hamtramck	Floor hardener	84	26	110	.....
Sept. 18	United States Novelty Co	Hamtramck	Brass goods	47	1	48	.....
Nov. 11	Armstrong Sisters	Highland Park	Millinery	.....	4	4	.....
Sept. 4	Besancon, William E	Highland Park	Coal and coke	16	.....	16	.....
Nov. 2	Celeste Hat Shop	Highland Park	Millinery	.....	2	2	.....
Sept. 4	Detroit Concrete Products Co	Highland Park	Cement products	6	.....	6	.....
Sept. 4	Detroit Lumber Co	Highland Park	Lumber	27	.....	27	.....
Sept. 6	Detroit United Railway	Highland Park	Car repairing	596	3	599	.....
Sept. 6	Detroit United Railway	Highland Park	Car repairing	39	.....	39	.....
Sept. 6	Detroit United Railway	Highland Park	Electricity	5	.....	5	.....
Nov. 2	Fink, M	Highland Park	Millinery	.....	3	3	.....
Oct. 30	Grace Harbor Lumber Co	Highland Park	Lumber	6	.....	6	.....
Sept. 6	Gray's Garage	Highland Park	Auto repairing	6	.....	6	.....
Sept. 5	Harding, H. W. Lumber Co	Highland Park	Lumber	30	2	32	.....
Sept. 6	Highland Park Creamery	Highland Park	Dairy products	48	8	56	.....
Sept. 5	Highland Park Times	Highland Park	Printed matter	9	3	12	.....
Nov. 1	Holsnagle, Frank	Highland Park	Flowers	8	1	9	.....
Sept. 5	McDonald Coal & Brick Co	Highland Park	Building supplies	23	.....	23	.....
Oct. 31	Mark, H. & Son	Highland Park	Coal and coke	6	1	7	.....
Oct. 31	Maxwell Motor Co	Highland Park	Motor cars	2,277	86	2,363	30
Sept. 5	Pittmans & Dean Co	Highland Park	Coal and ice	38	.....	38	.....
Sept. 5	Sibley, F. M. Lumber Co	Highland Park	Lumber	17	1	18	.....
Sept. 4	Superior Sand & Gravel Co	Highland Park	Sand and gravel	16	.....	16	.....
Sept. 6	Tower Wayne County Creamery	Highland Park	Dairy products	39	1	40	.....
Sept. 5	United Fuel & Supply Co	Highland Park	Building supplies	41	.....	41	.....
Sept. 5	Woodward Garage	Highland Park	Auto repairing	7	.....	7	.....
Sept. 20	Huron Valley Creamery	New Boston	Dairy products	3	.....	3	.....
Sept. 20	Meisner & Dugan	New Boston	Coal and lumber	3	.....	3	.....
Sept. 20	New Boston Garage	New Boston	Auto repairing	3	.....	3	.....
Sept. 20	New Boston Roller Mills	New Boston	Flour	3	.....	3	.....
Sept. 20	Star Garage	New Boston	Auto repairing	4	.....	4	.....
Oct. 12	American Bell & Foundry Co	Northville	Castings	33	1	34	.....
Oct. 12	Dubuar, C. L. Lumber Co	Northville	Lumber	2	.....	2	.....
Oct. 12	Globe Furniture Co	Northville	Church furniture	30	1	31	.....
Oct. 12	Lauer & Falke	Northville	Blacksmithing	3	.....	3	.....
Oct. 12	Michigan State Telephone Co	Northville	Telephone service	3	4	7	.....
Oct. 12	Neal Printing Co	Northville	Printed matter	3	1	4	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Oct. 12	Northville Condensing & Cheese Co...	Northville.....	Dairy products.....	5	.....	5	.....
Oct. 12	Northville Milling Co.....	Northville.....	Flour.....	6	.....	6	.....
Oct. 12	Parmenter, B. A. & Son.....	Northville.....	Apple products.....	4	.....	4	.....
Oct. 12	Peerless Steam Laundry.....	Northville.....	Laundry.....	2	2	4	.....
Jan. 14	Skarritt, Fred.....	Northville.....	Auto repairing.....	3	.....	3	.....
Oct. 12	Stimpson Scale & Electric Co., The...	Northville.....	Scales.....	56	1	57	.....
Oct. 12	Superior Churn & Mfg. Co.....	Northville.....	Agricultural tools.....	7	.....	7	.....
Oct. 12	Union Mfg. & Lumber Co.....	Northville.....	Tackle blocks, etc.....	27	1	28	.....
Sept. 17	Detroit Rock Salt Co.....	Oakwood.....	Rock salt.....	141	1	142	.....
Jan. 10	Mc Quade, W. E. Coal Co.....	Oakwood.....	Coal, etc.....	5	1	6	.....
Sept. 17	Mc Quade, W. E. Coal Co.....	Oakwood.....	Coal, etc.....	6	1	7	.....
Sept. 17	Mulkey Salt Co.....	Oakwood.....	Salt.....	113	16	129	3
Oct. 10	Beyers Motor Sales Co.....	Plymouth.....	Auto repairing.....	3	.....	3	.....
Oct. 10	Daisy Mfg. Co., The.....	Plymouth.....	Air rifle.....	149	28	177	.....
Oct. 10	Detroit Seat & Tank Co.....	Plymouth.....	Closet seats and tanks...	8	.....	8	.....
Oct. 10	Fisher, H. J.....	Plymouth.....	Blacksmithing.....	3	.....	3	.....
Oct. 10	Hamilton, C. J.....	Plymouth.....	Rifles.....	20	1	21	.....
Jan. 14	Heide, C.....	Plymouth.....	Flowers.....	5	.....	5	.....
Oct. 10	Mc Laren, J. D. Co.....	Plymouth.....	Grain.....	7	1	8	.....
Oct. 10	Markham Air Rifle Co., The.....	Plymouth.....	Air rifles.....	101	11	112	3
Oct. 10	Millard F. Co., The.....	Plymouth.....	Band instruments.....	36	.....	36	.....
Oct. 10	Plymouth Lumber & Coal Co.....	Plymouth.....	Lumber and coal.....	9	.....	9	.....
Oct. 10	Plymouth Milling Co.....	Plymouth.....	Flour and feed.....	5	.....	5	.....
Oct. 10	Plymouth Motor Castings Co.....	Plymouth.....	Castings.....	30	1	31	.....
Oct. 11	Burgess, Roy H.....	Redford.....	Auto repairing.....	10	1	11	.....
Oct. 11	Grand River Lumber & Coal Co.....	Redford.....	Lumber, etc.....	11	1	12	.....
Oct. 11	Redford Lumber Co.....	Redford.....	Building material.....	6	.....	6	.....
Oct. 11	Service Garage, The.....	Redford.....	Auto repairing.....	5	.....	5	.....
Oct. 11	Stahelin, A. J.....	Redford.....	Flowers.....	19	.....	19	.....
Oct. 11	Taylor Mfg. Co.....	Redford.....	Auto accessories.....	9	2	11	.....
Oct. 11	Ward, F. H.....	Redford.....	Blacksmithing.....	4	.....	4	.....
Oct. 11	Wusthoff & Baker.....	Redford.....	Blacksmithing.....	5	.....	5	.....
Sept. 19	Barron, D. D.....	River Rouge....	Coal, coke, etc.....	18	1	19	.....
Sept. 19	Bowen, C. D.....	River Rouge....	Printed matter.....	3	.....	3	.....
Sept. 10	Brownlee Co., The.....	River Rouge....	Lumber.....	63	2	65	.....
Sept. 18	Cabanaw & Son.....	River Rouge....	Blacksmithing.....	5	.....	5	.....
Sept. 13	Calvert's, J. Sons.....	River Rouge....	Building supplies.....	23	.....	23	.....
Sept. 18	Detroit Iron & Steel Co.....	River Rouge....	Pig iron.....	362	.....	362	1
Sept. 10	Dunbar Stone Co.....	River Rouge....	Crushed stone.....	47	.....	47	.....
Sept. 17	Dwight Lumber Co.....	River Rouge....	Lumber.....	139	3	142	3
Nov. 19	Fashion Hat Shop.....	River Rouge....	Millinery.....	.....	3	3	.....
Sept. 14	Great Lakes Engineering Works.....	River Rouge....	Steel ships.....	1,773	8	1,781	77
Sept. 13	Higgins Brothers.....	River Rouge....	Interior finish.....	11	.....	11	.....
Sept. 19	Hobart, S. G.....	River Rouge....	Sheet metal.....	3	.....	3	.....
Sept. 18	Home Builders Cement Products Co..	River Rouge....	Cement products.....	8	.....	8	.....
Sept. 13	Meyer, R. M.....	River Rouge....	Building supplies.....	8	.....	8	.....
Sept. 10	Perfection Mfg. Co.....	River Rouge....	Tooth picks.....	19	30	49	.....
Sept. 10	River Rouge Lighting Station.....	River Rouge....	Light and power.....	5	.....	5	.....
Sept. 13	Salliotte Coal & Lumber Co.....	River Rouge....	Coal and lumber.....	7	.....	7	.....
Sept. 10	Standard Oil Co.....	River Rouge....	Oils.....	9	.....	9	.....
Sept. 11	United Fuel & Supply Co.....	River Rouge....	Coal, etc.....	6	.....	6	.....
Sept. 10	United Fuel & Supply Co.....	River Rouge....	Sand and gravel.....	19	.....	19	.....
Sept. 10	West End Lumber Co.....	River Rouge....	Lumber.....	9	1	10	.....
Jan. 3	West Jefferson Garage.....	River Rouge....	Auto repairing.....	5	.....	5	.....
Sept. 13	Whitehead & Kales Iron Works, The..	River Rouge....	Steel.....	129	.....	129	.....
Nov. 19	Wolf Millinery.....	River Rouge....	Millinery.....	.....	3	3	.....
Sept. 21	Baumeister, F. & Son.....	Rockwood.....	Baskets.....	5	2	7	.....
Sept. 21	Metzger, Charles.....	Rockwood.....	Baskets.....	4	.....	4	.....
Sept. 21	Rockwood Silica Co.....	Rockwood.....	Glass sand.....	83	.....	83	.....
Sept. 20	Austin, Charles.....	Romulus.....	Farming implements.....	2	.....	2	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Sept. 20	Kingsley & Taylor	Romulus	Farmers' supplies	4	.....	4	.....
Sept. 20	Rutter & Rood	Romulus	Auto repairing	4	.....	4	.....
Sept. 20	Seestedt, Henry W	Romulus	Castings	27	2	29	.....
Sept. 24	Church Boat Co	Sibley	Boats	12	.....	12	.....
Sept. 24	Church Machine Co	Sibley	Machinery repairing	6	.....	6	1
Sept. 25	Detroit Organic Chemicals Co	Sibley	Dye	7	.....	7	.....
Sept. 25	Federal Carbonic Co	Sibley	Sand, lime, brick, etc	33	.....	33	.....
Sept. 25	Quarry Lumber Co	Sibley	Lumber	4	.....	4	.....
Sept. 21	Strong, John Co	South Rockwood	Flour and lumber	10	2	12	.....
Aug. 9	Allan Brothers	St. Clair Hts	Lumber and coal	21	2	23	1
Aug. 9	Beaker, L. N. Co	St. Clair Hts	Lumber	39	.....	39	3
Sept. 19	McDonald, J. C	Springwells	Brick and tile	39	.....	39	.....
Sept. 24	Challenge Envelope Co	Trenton	Envelopes	1	3	4	.....
Sept. 21	Detroit Brass Forging Co	Trenton	Brass forgings	26	4	30	3
Sept. 21	Mans, N. A	Trenton	Lumber	6	.....	6	.....
Sept. 21	Moore Truck & Mfg. Co., The	Trenton	Trucks	8	.....	8	.....
Sept. 21	Trenton Grain & Elevator Co	Trenton	Flour and feed	3	1	4	.....
Oct. 9	Burns Print Shop	Wayne	Job printing	3	1	4	.....
Oct. 9	Ford Sales & Service Station	Wayne	Auto repairing	5	.....	5	.....
Oct. 9	Green, Bert	Wayne	Blacksmithing	2	.....	2	.....
Oct. 9	Harboun Motors Corporation	Wayne	Motor cars	180	6	186	2
Oct. 9	Hilliard & Reiser	Wayne	Lumber	6	.....	6	.....
Oct. 9	Michigan Central Railroad Co	Wayne	Freight	4	1	5	.....
Oct. 9	Reiser & Wilson	Wayne	Coal and cement blocks	4	1	5	.....
Oct. 9	Smith, Lee	Wayne	Blacksmithing	2	.....	2	.....
Nov. 21	Walker Brothers Catering Co	Wayne	Baked goods and laundry	22	14	36	.....
Oct. 9	Wayne Bakery, The	Wayne	Baked goods	7	1	8	.....
Oct. 9	Wayne Garage, The	Wayne	Auto repairing	2	.....	2	.....
Oct. 9	Wayne Milling & Produce Co	Wayne	Grain and feed	6	.....	6	.....
Oct. 9	Wayne Steering Wheel & Bow Co	Wayne	Wheels and bows	22	1	23	.....
Oct. 9	Wayne Steam Laundry	Wayne	Laundry	2	2	4	.....
Sept. 9	Amiot, H. S	Wyandotte	Tailoring	7	1	8	.....
Sept. 27	Beals & Selkirk Trunk Co., The	Wyandotte	Trunks, bags, etc	116	39	155	15
Oct. 3	Big Chief Garage	Wyandotte	Auto repairing	5	.....	5	.....
Sept. 28	Bryan Boat Works, The	Wyandotte	Boats	6	.....	6	.....
Sept. 27	Cassidy, James	Wyandotte	Coal & builders' supplies	3	.....	3	.....
Sept. 28	City of Wyandotte Electric Light & Water Plant	Wyandotte	Light and water	17	.....	17	.....
Sept. 26	Detroit Shipbuilding Co	Wyandotte	Boats	754	.....	754	41
Oct. 4	Detroit United Railway	Wyandotte	Freight	3	.....	3	.....
Sept. 27	Detroit Valve & Fitting Co	Wyandotte	Valves and fittings	331	46	377	5
Sept. 28	Detroit-Wyandotte Motor Truck Co	Wyandotte	Trucks	33	2	35	.....
Oct. 3	Down-River Surbanite, The	Wyandotte	Printed matter	4	.....	4	.....
Sept. 28	Eberts Brothers Co	Wyandotte	Coal, coke, etc	22	1	23	.....
Sept. 28	Furgason Lumber Co	Wyandotte	Lumber	3	.....	3	.....
Sept. 27	Furgason Lumber Co	Wyandotte	Lumber	11	.....	11	.....
Sept. 17	Goldschmidt Detinning Co	Wyandotte	Storing gas	17	.....	17	.....
Sept. 27	Koch, Fred C	Wyandotte	Dairy products	7	.....	7	.....
Sept. 27	Kreger, John J	Wyandotte	Farm machinery	3	.....	3	.....
Sept. 27	Liddle & Cook	Wyandotte	Coal, wood and lumber	5	.....	5	.....
Sept. 28	McCord Mfg. Co., Inc	Wyandotte	Metal products	55	65	120	2
Sept. 28	Martin, W. S	Wyandotte	Cement contracting	15	.....	15	.....
Oct. 3	Marx Brewing Co	Wyandotte	Beer and ice	38	1	39	.....
Sept. 26	Michigan Alkali Co	Wyandotte	Caustic soda	468	.....	468	.....
Sept. 26	Michigan Alkali Co	Wyandotte	Soda ash	528	3	531	3
Sept. 28	Birnbaum, Morris	Wyandotte	Iron and metal	4	1	5	.....
Sept. 25	Pennsylvania Salt Mfg. Co	Wyandotte	Chemicals	511	13	524	24
Sept. 28	Regent Stove Co., The	Wyandotte	Stoves	40	1	41	1
Oct. 3	Rosen, M	Wyandotte	Tailoring	2	.....	2	.....
Oct. 3	Simmlir, C	Wyandotte	Tailoring	3	.....	3	.....
Sept. 27	Star Bottling Works	Wyandotte	Soft drinks	6	.....	6	2

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WAYNE CO.—*Con.*						
Oct. 3	Suburban Sheet Metal Works	Wyandotte	Plumbing & sheet metal	10	.....	10	.....
Oct. 3	Walkenthin, Ludwig	Wyandotte	Tailoring	2	.....	2	.....
Oct. 4	Ward, J. A	Wyandotte	Auto repairing	4	.....	4	.....
Oct. 3	Wyandotte City Flour Mill	Wyandotte	Flour	7	.....	7	.....
Oct. 3	Wyandotte Cycle Co	Wyandotte	Bicycles	3	.....	3	.....
Oct. 3	Wyandotte Herald	Wyandotte	Printed matter	3	1	4	.....
Sept. 28	Wyandotte Lumber Co	Wyandotte	Lumber	5	1	6	.....
Sept. 6	Wyandotte Portland Cement Co	Wyandotte	Cement	126	.....	126	.....
Sept. 27	Wyandotte Waste Paper Co., The	Wyandotte	Scrap iron and metals	5	.....	5	.....
June 14	Detroit Iron & Steel Co	Zug Island	Pig iron	343	.....	343	.....
June 14	France Slag Co., The	Zug Island	Slag	23	.....	23	.....
	WEXFORD COUNTY.						
Jan. 18	Acme Motor Truck Co	Cadillac	Motor trucks	66	9	75	.....
Jan. 14	Adams Express Co	Cadillac	Express service	6	1	7	.....
Jan. 17	Ann Arbor Railroad Co., The	Cadillac	Car repairing	10	.....	10	.....
Jan. 14	Atlas, H. S	Cadillac	Hides, fur and wool	4	1	5	.....
Jan. 15	Boersman, M. & Sons	Cadillac	Meats	2	.....	2	.....
Feb. 12	Bowen, E. I	Cadillac	Tailoring	2	.....	2	.....
Feb. 12	Brehm, G. A. & Bro	Cadillac	Produce	3	.....	3	.....
Feb. 14	Buckley, W. H	Cadillac	Produce	3	.....	3	.....
Feb. 12	Burton & Rupers	Cadillac	Meats	3	.....	3	.....
Feb. 14	Cadillac Boiler Works, The	Cadillac	Boiler repairing	7	.....	7	.....
Feb. 11	Cadillac Bottling Works	Cadillac	Bottling soft drinks	3	.....	3	1
Jan. 16	Cadillac Cabinet & Construction Co	Cadillac	Cabinets	37	.....	37	1
Jan. 18	Cadillac Chemical Co	Cadillac	Chemicals	44	.....	44	.....
Jan. 19	Cadillac Gas Light Co	Cadillac	Gas	6	2	8	.....
Feb. 16	Cadillac Evening News, The	Cadillac	Printing	14	2	16	1
Jan. 17	Cadillac Handle Co., The	Cadillac	Lumber, etc	64	1	65	.....
Jan. 18	Cadillac Ice Cream Co	Cadillac	Ice cream	5	.....	5	.....
Jan. 17	Cadillac Lumber Co	Cadillac	Building material	31	1	32	.....
Jan. 18	Cadillac Machine Co	Cadillac	Machinery	145	.....	145	3
Jan. 15	Cadillac Mfg. Co	Cadillac	Cooperage	40	.....	40	2
Jan. 14	Cadillac Milling Co., The	Cadillac	Grain and feed	4	.....	4	.....
Jan. 16	Cadillac Overland Co	Cadillac	Auto repairing	4	.....	4	.....
Jan. 18	Cadillac Plumbing & Heating Co	Cadillac	Plumbing, etc	12	1	13	.....
Jan. 19	Cadillac Printing Co	Cadillac	Printing	3	3	6	2
Feb. 12	Cadillac Produce Co	Cadillac	Produce	17	2	19	.....
Jan. 18	Cadillac Steam Laundry	Cadillac	Laundry	6	12	18	.....
Jan. 19	Cadillac Veneer Co., The	Cadillac	Veneer	58	8	66	3
Feb. 16	Chittles, Tom	Cadillac	Tailoring	2	1	3	.....
Jan. 18	Citizens Telephone Co	Cadillac	Telephone service	6	19	25	.....
Jan. 19	Cobbs & Mitchell	Cadillac	Lumber	176	3	179	.....
Jan. 19	Cummer-Diggins Co	Cadillac	Chemicals and lumber	132	.....	132	.....
Jan. 19	Cummer-Diggins Co	Cadillac	Lumber	63	.....	63	10
Jan. 17	Cummer Manufacturing Co	Cadillac	Crates and boxes	60	16	76	3
Jan. 18	Consumers Power Co	Cadillac	Power	10	2	12	.....
Jan. 18	Dersch, Albert G	Cadillac	Cigars	3	.....	3	.....
Feb. 16	Eaegle, Mrs. E. C	Cadillac	Millinery	.....	6	6	.....
Jan. 16	Goshen Shirt Mfg. Co	Cadillac	Shirts	8	70	78	2
Feb. 11	Graham, George F	Cadillac	Blacksmithing	3	.....	3	.....
Feb. 11	Grand Rapids & Indiana Ry. Co	Cadillac	Car repairing	46	.....	46	.....
Feb. 12	Grand Rapids & Indiana Ry. Co	Cadillac	Freight	14	.....	14	.....
Feb. 11	Grand Rapids & Indiana Ry. Co	Cadillac	Switching	32	.....	32	3
Jan. 16	Hamilton, Etson & Co	Cadillac	Crude potash	7	.....	7	.....
Feb. 12	Harris, Mrs. Adelaide	Cadillac	Millinery	.....	3	3	.....
Jan. 15	Haynes Bros. Co	Cadillac	Lumber	28	.....	28	.....
Feb. 12	Huckleberry & Watson	Cadillac	Fuel and ice	17	1	18	.....

Digitized by Google

Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number who were under 16 years of age.
	WEXFORD CO.—*Con.*						
Feb. 12	Johnson, Fred	Cadillac	Blacksmithing	2	.....	2	.....
Feb. 12	Joseph & Lindquist	Cadillac	Millinery	.....	4	4	.....
Jan. 14	Kelleher, C	Cadillac	Blacksmithing	2	.....	2	.....
Feb. 13	Klinge, T	Cadillac	Tailoring	1	.....	1	.....
Jan. 14	Kunze, O. C. & Son	Cadillac	Harness	2	.....	2	.....
Jan. 19	Larson, Peter	Cadillac	Meats	3	.....	3	.....
Jan. 19	Lofgren, Axel	Cadillac	Plumbing	2	.....	2	.....
Jan. 14	MacDonald Auto Sales Co	Cadillac	Auto repairing	9	1	10	.....
Jan. 18	Matsdorf, Fred	Cadillac	Baked goods	4	2	6	.....
Jan. 19	Michigan State Telephone Co	Cadillac	Telephone service	4	10	14	.....
Jan. 15	Mulvey, Edward	Cadillac	Cigars	3	.....	3	.....
Jan. 16	Murphy & Diggins	Cadillac	Lumber	47	.....	47	.....
Feb. 12	National Grocer Co	Cadillac	Groceries	13	3	16	1
Jan. 17	Northern Chair Co	Cadillac	Chairs	117	25	142	8
Jan. 17	Oakland Garage	Cadillac	Auto repairing	2	.....	2	.....
Feb. 12	Owen, Miss Sarah	Cadillac	Millinery	.....	4	4	.....
Feb. 12	Paquette, Edwin	Cadillac	Meats	2	.....	2	1
Jan. 16	St. Johns Table Co	Cadillac	Tables	152	9	161	5
Feb. 12	Scheibel & Brown	Cadillac	Meats	3	.....	3	1
Feb. 12	Snell, Percy F	Cadillac	Flowers	3	1	4	.....
Feb. 11	Standard Oil Co	Cadillac	Oils	3	.....	3	.....
Jan. 17	Stewart, G. C. Fuel & Supply Co	Cadillac	Fuel, ice, etc	7	.....	7	.....
Jan. 17	Swift & Co	Cadillac	Produce	23	5	28	.....
Feb. 13	Tip-Top Baking Co	Cadillac	Baked goods	5	1	6	.....
Jan. 14	Torrey, N. R	Cadillac	Monuments	5	.....	5	.....
Feb. 13	Torrey, N. R	Cadillac	Livery service	5	.....	5	.....
Jan. 18	Western Union Telegraph Co	Cadillac	Telegraph service	3	2	5	1
Jan. 17	Williams Bros. Co	Cadillac	Lumber	80	.....	80	.....
Feb. 13	Bradford, Wm. F	Manton	Meats	3	.....	3	.....
Feb. 13	Carver, Miss Dora	Manton	Millinery	.....	1	1	.....
Feb. 13	Citizens Telephone Co	Manton	Telephone service	1	3	4	.....
Feb. 13	Darling, J. C	Manton	Meats	1	.....	1	.....
Feb. 14	Haycock & Watkins	Manton	Blacksmithing	2	.....	2	.....
Feb. 13	Inman & Northrup	Manton	Lumber and shingles	11	.....	11	.....
Feb. 13	Manton Light & Water Works	Manton	Light and power	3	.....	3	.....
Feb. 13	Manton Produce Co	Manton	Flour and feed	3	.....	3	.....
Feb. 13	Manton Tribune-Record, The	Manton	Printing	1	1	2	.....
Feb. 13	Wahlstrom, C. J	Manton	Harness	2	.....	2	.....

Digitized by Google

FACTORY ORDERS ISSUED IN 1917.

ARRANGED ALPHABETICALLY BY TOWNS.

Ada. September 18, 1917.

GRAND RAPIDS GRAIN & MILLING CO.—At once guard all set screws.

Adrian. December 3, 1917.

CLARK BASKET CO.—At once equip boiler with low water alarm.

October 5, 1917.

MANAPHONE CORPORATION.—Within thirty days provide wash rooms and toilets on each floor. Guard belt on machine No. 37. Guard jointer No. 4. Box in belt on saw No. 2. Put guard on saws No. 11-13-17. Replace protruding set screws on line shaft with flat flush screws. Put hand rail on stairway in shipping room, and also recommend drinking fountains in each department.

October 5, 1917.

F. W. PRENTICE CO.—Within twelve days repair toilet on second floor. Box in belt on sand machine. Box in elevator between stairway and elevator. Box in belts on pully strip machine. Place fire escape on south three-story building to conform with State specifications.

Afton. November 15, 1917.

C. A. CAMPBELL STONE COMPANY.—At once guard all set screws on the main shaft in the kiln room and put rail around the engine that runs crusher.

Albion. November 13, 1917.

ALBION GARAGE.—At once repair gate on elevator and put gate on elevator in basement. Put guard on emery wheel.

November 12, 1917.

ALBION MALLEABLE IRON CO.—Within fifteen days place hand rail on stairs in pattern vault; repair rope on automatic gate on elevator. Put steel guards on all emery wheels.

Algonac. September 5, 1917.

ALGONAC BOAT & MACHINE WORKS.—Within thirty days guard all exposed gears on lathes and drills and provide guard for emery wheel.

Allegan. September 25, 1917.

ALLEGAN FURNITURE COMPANY.—At once equip ripsaw with new table. Guard burs on planer. Equip elevator with automatic gates and put new cable on elevator.

October 3, 1917.

ALLEGAN HARDWARE & SUPPLY CO.—At once equip elevator with automatic gates, doors or traps. Board up sides of elevator.

October 3, 1917.

AUTO SHOP.—At once guard rails around swing scaffold in garage work room.

September 20, 1917.

IMPERIAL CARVING CO.—At once put guards under all belts not guarded. Guard belts on rounding machine.

Digitized by Google

September 20, 1917.

OLIVER & CO.—At once put guard on under side of large belts in machine room.

October 2, 1917.

THE PERRY SIRRINE CO.—At once equip boiler with low water alarm.

Alma. January 11, 1918.

GARDEN FURNITURE COMPANY.—At once guard bandsaw.

May 1, 1917.

MCCULLOUGH & BESORE CITY LAUNDRY.—At once comply with Act 285 of the Public Acts of 1909 as amended relating to the employment of females and minors.

May 8, 1917.

MICHIGAN SUGAR CO.—At once provide good substantial hand rails on car track platform located in pulp drying warehouse.

May 9, 1917.

REPUBLIC MOTOR TRUCK CO.—At once provide guard over cog gearing on oil drill presses in Factory No. 1. Provide guard over the overhead belts on two drill presses in Factory No. 4. Also provide guard over belt on drill press in Factory No. 2.

Alpena. February 19, 1918.

ALPENA WOOLEN MILLS.—Within thirty days build fire escape on south side of the mill so as to conform to the State specifications; also cover gears on the picker and put hand rails on all stairways.

October 24, 1917.

FLETCHER PULP MILL, ALPENA TOWNSHIP.—At once put rail on fly wheel of air compressor, and place plank on walk of the screens. Guard all dangerous machinery.

October 24, 1917.

HURON PORTLAND CEMENT CO.—Within twenty days guard all clutches on the shaft that runs the kiln coal feeder.

October 22, 1917.

SIOUX CITY SEED CO.—Within fifteen days guard main driving belt on motor.

Alto. September 24, 1917.

ALTO ELEVATOR CO.—Guard cog gear on bean picking machine. Guard pulley in bean picking room. Guard drive belt of grinding machine on main floor.

Arcadia. February 18, 1918.

ARCADIA FURNITURE COMPANY.—At once remove all square head set screws on all collars on shafting. Replace same with flat flush head set screws. Put guards on all exposed gears on lathes in machine shop. Put guards on all overhead belts six inches wide and wider. Put hand rails around belts and pulleys of moulding machine. Put guard over gear on tennent machine. Put guards on two bandsaws, second floor.

Avoca. September 6, 1917.

AVOCA MILLING COMPANY.—Within fifteen days repair low water alarm on boiler. Erect guards around gears on flour rolls.

Ann Arbor. August 10, 1917.

ANN ARBOR CREAMERY.—At once remove square head set screws in collar on shaft in basement and replace with flush flat head screws. Repair stairs leading to basement.

Digitized by Google

August 24, 1917.

ANN ARBOR MACHINE WORKS.—Within twenty days put guard on all emery wheels on knife grinding machines. Remove all square head set screws in all collars on shafting and replace with flat flush heads. Put guards on gears on lathe No. 3. Put in stationary pillar to hold bracket carrying countershaft to run heading machine and place guard at side of fly wheel of same machine. Put guard on gears on bolt threader; place guard on rattler gears.

August 10, 1917.

ANN ARBOR STEAM DYE WORKS.—At once enclose stool in basement of 204 East Washington Street.

August 8, 1917.

ARNBRUSTER, WALTER W.—At once place guards on emery wheels.

August 24, 1917.

BARTON PLANT OF DETROIT EDISON CO.—Within fifteen days place guards on exposed gears on vertical shaft of generator above thrust bearing.

September 1, 1917.

CITY MILL.—At once put railing on stairway leading to basement also put railing around hole cut in second floor above sifter. Remove all square head set screws, replace with flat flush head set screws. Also put guards on all exposed gears.

July 27, 1917.

DEAN & COMPANY, LTD.—At once remove square head set screws on main shaft in basement. Also place railing on each side of stairway from third to fourth floor.

August 17, 1917.

EBERBACH & SON CO.—Place standard fire escape on building. Also put guard under belt from line shaft to elevator mechanism.

July 27, 1917.

GFEEL & LANGWORTHY.—Place standard fire escape on building; also place sanitary stool in basement.

August 23, 1917.

MRS. R. HERTSBERG.—Put in sanitary toilet in store at 203 North Main Street.

August 23, 1917.

HOME LAUNDRY.—Within ten days install sanitary toilet in building occupied by you at 218 East Huron Street known as Home Laundry. Remove square head set screws in collar on shaft in basement. Place guard around belt running from basement through main floor.

November 8, 1916.

HUTZEL & COMPANY.—At once provide hand rail for basement stairs and proper wrought iron guards over emery wheels.

July 28, 1917.

MAYER-SCHAIRER CO.—At once place guard on gears on ruling machine in third story.

August 25, 1917.

MICHIGAN FURNITURE COMPANY.—Within ten days remove square head set screws in collar on contershaft of planer. Put guards on bandsaws. Remove all other square head set screws in collars on shafting.

August 25, 1917.

MICHIGAN MILLING COMPANY.—At once place guards around both sides of main drive belt, also put guard around large hole through which belt comes up through main floor. Remove all square head set screws in collar in shafting, replace with flat flush head screws.

Digitized by Google

August 15, 1917.

MOTOR PRODUCTS CORPORATION.—At once place guard around belt from motor to pulley on line shaft in buffing department; also place guards on all unguarded emery wheels. Put guards on gears on lathe in tool room.

September 7, 1917.

NICKELS, J. H.—At once put standard fire escape in rear of building leading from double window in hall of third floor to roof of second floor of building extending in rear of same building.

August 24, 1917.

THE ONE MAN TRACTOR CO.—At once place guard on emery wheels. Place guard on small milling machine. Put on gears on shear machine. Put guards on small lathe.

August 15, 1917.

PORTER BODY CO.—Place guards on gears on large planer in main shop; also put guard on small emery wheel in stock room.

August 17, 1917.

RANDALL STUDIO.—Repair stairway leading to basement.

August 25, 1917.

SAUER, JOHN.—Within ten days remove square head set screws in collars on shafting and replace with flat flush heads. Place guards on gears on planer, lower guards on emery wheels.

September 7, 1917.

SHARPE, GEORGE.—At once remove dirt thrown into basement and put basement in sanitary condition; also put toilet in sanitary condition, same to be done inside of 48 hours.

August 8, 1917.

SHUMAKER & BACKUS.—Remove square head set screw on line shaft. Place guard on emery wheel; place guard on chain on pipe machine.

August 8, 1917.

SHUMAKER HARDWARE CO.—At once place gate on elevator, second floor. Place guards on gears of cutting machine and also on forming machine.

August 8, 1917.

SMITH TIRE REPAIR CO.—At once place guard on emery wheel.

August 31, 1917.

STANGER FURNITURE COMPANY.—At once put new wire cable on elevator.

September 7, 1917.

STEWART GARMENT CO.—At once remove square head set screws in pulley on grind stone shaft; also remove all boxes from landing of stairway on third floor of building, said landing is to be at all times kept clear from boxes, etc.

July 27, 1917.

VOGEL, H. E., MEAT MARKET.—At once put in sanitary stool in lavatory in building occupied at 213 North Main Street.

August 23, 1917.

WURSTER, E. M.—Within ten days put lower guard on band saw; place guards on emery wheels.

Digitized by Google

Bangor. November 3, 1917.

BANGOR MUTUAL TELEPHONE CO.—At once comply with the nine hour law relative to female help, not employing operators for more than ten hours in any one day nor more than fifty-four hours in any one week.

October 16, 1917.

BRYCE, R. A.—Within five days equip elevator with automatic gates at all floors.

Battle Creek. November 12, 1917.

A. B. STOVE CO.—At once increase suction in blower system on grinding, polishing and buffing wheels, so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U shaped tube.

August 10, 1917.

BATTLE CREEK TOY MFG. CO.—At once discharge all children in your employ under fourteen years of age and have on file in office working permits for all children under sixteen years of age. Provide proper guard and screen on shaper, also guard all belts and pulleys running near floor. Provide proper guard on dado saw.

October 2, 1917.

B. C. PATTERN WORKS.—Within ten days put guard on bandsaws and emery wheels and guard on jointer.

C. & G. T. RY.—At once comply with sections 9-10-11 of the Compiled Labor Laws.

December 19, 1917.

IDEAL LAUNDRY—At once provide safety cover for extractor, guard belts and pulleys on collar machines. Do not allow female help to work more then ten hours in any one day or more than fifty-four hours per week. Provide proper wash and dressing room for female help.

September 20, 1917.

INDEPENDENT GARAGE.—At once put guards on emery wheel.

September 26, 1917.

MERCHANTS PARCEL DELIVERY.—At once comply with Section 10 and get permits for boys working under sixteen years of age.

August 17, 1917.

PORTER BROTHERS.—At once discharge all children in your employ under fourteen years of age. Place on file in office working permits for children employed between the age of fourteen and sixteen years, in compliance with section 10 of Public Acts of 1909.

January 11, 1918.

POST TAVERN LAUNDRY.—At once comply with section 9 of the Labor Laws.

September 27, 1917.

JOHNSON ADOLPH.—Within five days put steel guard on emery wheels.

Bay City. September 11, 1917.

BAY CITY CIGAR CO.—Within five days install two more toilets for females on second floor, also have same in good sanitary condition.

July 17, 1917.

BAY CITY MILLING CO.—At once place low water alarm on boiler and build proper stairway leading to boiler room.

Digitized by Google

September 11, 1917.

BOUSFIELD & Co.—At once clean and keep in more sanitary condition the toilet and dressing room used by the women of your employ in the pail room.

January, 31, 1917.

FOSS, E. B. Co.—At once provide working permits for all children under sixteen years of age.

September 13, 1917.

GREENWALD LAUNDRY.—At once file working permits for all children under sixteen years of age.

February 15, 1917.

ROELLER FOUNDRY Co.—At once provide ventilating system for core room and proper wash room with hot and cold water and place where moulders can dry their clothes.

January 30, 1917.

WAYNE CIGAR COMPANY.—At once provide working permits for all children under sixteen years of age.

Bear Creek. May 7, 1917.

CALKINS, O.,—At once guard all exposed set screws and belts.

Belding. August 14, 1917.

BELDING BASKET COMPANY.—Within thirty days guard cog gear on veneer machine. Guard main drive belt, clean toilets and put in sanitary condition.

January 9 1918

BELDING-HALL Co.—At once provide proper blower systems on all dust creating machines in factory B. with sufficient suction for convéying dust arising therefrom directly from the building. Repair automatic gate at elevator opening, Factory B. Guard mitre saw on third floor, main building. Provide proper screen on toilets used by male employes.

August 10, 1917.

BELDING LUMBER Co.—Place railing on balcony in lumber shed.

August 13, 1917.

FOSS & LINCOLN—Within eight days repair low water alarm, place name of sex using toilet on door of same.

February 1, 1918.

E. J. KNAPP Co.—Before operating boiler equip same with low water alarm.

Bellevue. June 14, 1917.

THE BURT PORTLAND CEMENT Co.—At once repair low water alarms on No. 3 and No. 8 boilers. Put rail or guard on front of stairs leading to conveyor in kiln room.

Benton Harbor. November 23, 1917.

AMERICAN LAUNDRY—At once board sides of elevator and fix gates to work automatically.

November 26 1917.

BAKER-VAWTER Co.—At once in plant "F" guard belt and pulley machines where females work. In plant "M" guard belt in screen machine room. Remove all extending set screws. Install stool in men's toilet. In plant "B" change doors to close automatically when elevator leaves floors, this applies to all elevator openings. Repair low-water alarms. Guard presses on fourth floor where females work, also pulleys and belts.

Digitized by Google

December 4, 1917.

BARENTSEN, WILLIAM—At once box sides of elevator and equip elevator with automatic gates.

December 3, 1917.

BAUSHKE BROTHERS—At once guard jointer. Equip elevator with automatic gates. Box sides of elevator up at least four feet. Guard pulleys and belts near floor.

November 24, 1917.

BENTON HARBOR AUTO MACHINE CO.—At once guard drive belt and pulley on multiple drill press. Clean toilets and put the same in sanitary condition. Repair gate on elevator.

December 6, 1917.

BENTON HARBOR CITY WATER WORKS.—At once put railing on stair in pit at water works plant. Install inside sanitary toilet for men at plant.

November 24 1917.

BENTON HARBOR MALLEABLE FOUNDRY CO.—Within thirty days install exhaust fans for ventilation of core room. Guard pulleys and belts on mixer. Install blower exhaust system for emery wheels in grinding room. Guard belts and pulleys near floor in pattern room.

December 4, 1917.

BENTON HARBOR-ST. JOE GAS & FUEL CO.—At once board or screen elevator shaft at plant and equip elevator with automatic gates or traps.

December 8, 1917.

C. C. C. & ST. LOUIS RY. CO.—At once equip boiler with low water alarm.

December 4, 1917.

COLEMAN LAUNDRY—At once equip boiler with low water alarm.

November 23, 1917.

COVEL MFG. CO.—At once equip elevator at foundry with automatic gates or traps at all openings. Clean all toilets and put them in sanitary condition and keep them clean and sanitary.

November 24, 1917.

MANDEL MFG. CO.—Guard jointers in factory. Clean toilets and keep them clean and sanitary. Equip elevators with automatic gates where same are not so equipped.

December 10, 1917.

MULLEN BROTHERS PAPER CO.—At once guard all open gears not guarded. Guard overhead belts. Provide dressing room for female help in butter dish room, said dressing room to be properly heated. Provide more heat in butter dish room.

November 27, 1917.

NOWLEN B. M. & CO.—Guard jointer and bandsaw.

December 8, 1917.

PERE MARQUETTE RY. CO.—At once equip boiler in repair shop with low water alarm.

November 27, 1917.

THAYER, GEORGE B. & CO.—At once guard all overhead drive belts.

Digitized by Google

December 6, 1917.

YOUNG, CHARLES L. & CO.—At once equip boiler in basement with low water alarm. Equip building on Elm Street No. 59 to 65 with fire escape for second, third and fourth floors, as per specifications submitted.

Berrien Springs. December 13, 1917.

INDIANA MICHIGAN ELECTRIC RY.—At once provide rubber mats around rotary converter and back of switch board, in front of oil switches, matting to be of good weight, not light weight. This means the whole length of all places mentioned.

Bessemer. December 13, 1917.

HANSEN CORNELIUS—Within twenty days install toilet in basement of building owned by you, occupied by A. Lindeman as a meat and grocery store, for the separate use of female employes, same to be entirely separate from toilet used by males; to be lighted and ventilated and kept in a good sanitary condition at all times, and designated for women only.

December 13 1917.

SALIN, H.—At once install two toilets in the building owned by you and occupied by Swanson & Carlson as meat and grocery store, one toilet to be for use of female employes only, the other for use of males, same to be lighted and kept in a sanitary condition at all times. Both toilets to be installed on ground floor for use of the employes in said stores.

Beverly. September 27, 1917.

ACME CEMENT PLASTER CO.—Within ten days equip boilers with low water alarms. Guard overhead belts in sacking room. Guard drive belt to crushing department.

Big Rapids. January 17, 1917.

BIG RAPIDS GAS CO.—At once provide guard around gas tank.

January 30, 1917.

HANCHETT SWAGE WORKS—At once repair blowers on emery wheels and connect all dust creating machinery with blowers capable of carrying off the dust thrown off or arising from such machinery.

January 9, 1917.

STIMSON, LESTER J.—At once provide outside stairway leading from bean room. Put chimneys in safe condition. Provide bean room with proper ventilation and provide water closet for females employed in bean room.

Birmingham. September 14, 1917.

BOUGHNER BROS.—At once put guard on both emery wheels.

September 15, 1917.

BIRMINGHAM HOME LAUNDRY—At once put guards on gears on both ends of mangle machine, also remove all square head set screws in collar on shafting and replace same with flat flush head set screws.

September 14, 1917.

BIRMINGHAM MILLING CO.—At once remove all square head set screws in collar on shafting also put guards around pulley belting and chain at both ends of the Midget Marvel.

September 14, 1917.

BIRMINGHAM SALES CO.—At once put stairs leading from first floor to furnace room of basement.

Digitized by Google

September 15, 1917.

ERWIN & SMITH—At once install sanitary toilet in building occupied by you and owned by Johnson & Shaw.

September 14, 1917.

J. C. GIFFORD.—At once have toilet in working order and in sanitary condition, also clean out basement and put in air ventilation in both front and rear.

September 15, 1917.

O'NIEL HARNESS SHOP—At once put toilet in working order and in sanitary condition and keep same disinfected, also clean up back of basement and remove ashes from same.

September 14, 1917.

LEONARD, H. G. ELECTRIC STORE—At once install sanitary toilet at 111 Maple Street

September 15, 1917.

SANITARY BAKING CO.—At once install low water alarm on boiler.

September 14, 1917.

SCHLAACK & BELL.—At once put guard on gears of meat grinder and clean up back room generally. Clean basement thoroughly and keep same in good condition.

September 14, 1917.

WEIER-SMITH TRUCK CO.—At once remove all square head set screws in all collars on shafting, also put guard on emery wheel.

Blissfield. December 7, 1917.

MUNICIPAL LIGHT PLANT—At once equip boilers with low water alarms.

Bloomingdale. October 30, 1917.

BLOOMINGDALE TELEPHONE CO.—At once comply with the fifty-four hour law, and do not employ operators more than ten hours in any one day nor more than fifty-four hours in any one week.

Boyne City. May 23, 1917

WHITE, W. H. CO.—At once provide and connect resaw in planing mill with a blower system and suction fan to take care of dust.

Bronson. December 28, 1917.

BRONSON MILLING CO.—At once put hand rails on stairs leading from first floor to second floor, second floor to third floor and on two flights of stairs above third floor.

Buchanan. November 20, 1917.

THE CLARK EQUIPMENT CO.—At once guard drive belts in all departments of shop. Put hand rail on running board in forge room and guard belts on drive pulleys of machines that are not guarded.

November 21, 1917

HOPKINS, E. J.—At once equip boiler with low water alarm.

Burr Oak. December 11, 1917.

SHEFFIELD MFG. CO.—At once install automatic safety gates for elevator, same to be installed on first and second floor.

Digitized by Google

Byron Center. December 5, 1917.

BYRON CENTER GRAIN & FUEL CO.—At once repair low water alarm.

Cadillac. January 18 1918.

WESTERN UNION TELEGRAPH CO.—At once provide separate toilets for use of male and female employes.

Caledonia. October 25, 1917.

CALEDONIA MILLING CO.—At once equip boiler with low water alarm.

Calumet. October 24, 1917.

GODFREY, E. R. & SONS—Within twenty days install separate toilet in a convenient and suitable place for special use of female employes and have same designated for females only. Build a good substantial fence around belting and shafting, also motor operating freight elevator in warehouse.

Caro. August 24, 1917.

CUMMINS BROTHERS LUMBER CO.—Within thirty days cover all open gears and guard engine and belts.

September 3, 1917.

JOSEPH FOURNIER—Within twenty days guard all main belts.

August 23, 1917.

MALSBURY & WORTHINGTON—Within ten days guard all machinery and cover open gears.

September 3, 1917.

TUSCOLA FARMERS CO-OPERATIVE ELEVATOR CO.—Within thirty days erect fire escape to bean room and guard main engine.

January 7, 1918.

JOSLIN, M. A.—Within twenty days install sanitary toilet and wash room for female help in building now occupied by you; also cover passage ways leading from back doors to alley and erect handrails on same.

Carrollton. November 16, 1917.

MERSHON, EDDY, PARKER CO.—At once guard all belts and pulleys and bandsaws. Cover all open gears.

Carson City. February 7, 1918.

RALPH F. CITY GARAGE—At once guard emery wheel.

February 7, 1918.

ROCKAFELLOW GRAIN CO.—Within ten days guard engines, also belt to feed mill.

Carter Siding. December 1, 1917.

DESMOND CHARCOAL & CHEMICAL CO.—At once guard fire pump fly wheel and repair low water alarms on boilers.

Cassopolis. November 10, 1917.

CITY STEAM LAUNDRY.—Within ten days equip boiler with low water alarm; guard gear on mangle.

November 10, 1917.

KELLOGG SWITCHBOARD & SUPPLY CO.—Within thirty days install inside sanitary toilet for men employes, one stool for every twenty-five employes.

Digitized by Google

Cedar Springs. October 4, 1917.

CEDAR SPRINGS CLIPPER—At once guard all set screws and keys.

October 2, 1917.

CEDAR SPRINGS CO-OPERATIVE CREAMERY CO.—At once repair low water alarm.

Central Lake. April 12, 1917.

ANTRIM COUNTY OVERLAND CO.—At once guard all emery wheels.

April 11, 1917.

ARGO MILLING CO.—At once repair low water alarm, or install new one.

Charlevoix. June 2, 1917.

CHATTERTON & SON.—At once open outlet to sewer from females' toilets and put same in a sanitary condition; also repair and keep men's toilets in a sanitary condition.

Charlotte. June 8, 1917.

ARTIFICIAL ICE CO.—At once guard the air compressor engine in front of piston rod.

June 7, 1917.

MARPLES BAKERY—At once procure and place on file permit for boy in your employ under 16 years of age.

June 8, 1917.

THE DRY MILK CO.—At once repair low water alarm on No. 2 boiler.

June 4, 1917.

FRITZ, J. A. GARAGE—At once guard emery wheels in repair shop.

Cheboygan. November 9, 1917.

CHEBOYGAN FLOUR MILL—At once guard the belt on the brand packer machine and all dangerous places where belts run through the floor.

November 10, 1917.

JACKSON ICE CREAM PLANT— At once remove set screws on main shaft.

Chelsea. August 29, 1917.

CHELSEA ELECTRIC LIGHT & WATER WORKS PLANT.—At once put guard under main drive belt, also put guard over passage way from door of boiler room to engine room.

August 29, 1917.

CHELSEA STANDARD—At once remove all square head set screws in collar on shafting and replace with flat flush head set screws. Put guards on all gears on printing presses.

August 30, 1917.

CHELSEA STEAM LAUNDRY—At once remove all square head set screws and replace with flat flush head set screws in collar on shafting. Put low water alarm on boiler.

August 29, 1917.

CRESENT GARAGE—At once put guards on emery wheels.

Digitized by Google

August 29, 1917.

EPPLER, ADAM—At once put low water alarm on boiler. Remove all square head set screws in collar on shafting and replace with flat flush head set screws. Clean up back room generally, also basement, and remove rubbish therefrom.

August 29, 1917

KLINGLER, FRED C.—At once remove all square head set screws in collar on shafting. Put low water alarm on boiler.

August 29, 1917.

LEWIS SPRING & AXLE CO.—At once remove all square head set screws in collars on shafting and replace with flat flush head set screws. Put guards under belts on main floor of machine shop. Put two seats in toilet, shop No. 7. Put standard fire escape on building No. 7.

Chesaning. February 20, 1918.

CHESANING GRAIN CO.—Within ten days install door with balcony and stairs on Michigan Central side of building from bean packing room, also build stairs from roof to ground on opposite side of building.

February 20, 1918.

FARMERS CO-OPERATIVE ELEVATOR—Within ten days install door with balcony and stairs connecting second floor on Broad Street side of building. Place all wiring in safe condition.

December 26, 1917.

MUNICIPAL ELECTRIC LIGHT & WATER WORKS—Within twenty days guard all machinery.

Chilsdale. October 5, 1917.

CHILSDALE PAPER MILLS.—At once equip boiler with low water alarm.

Coldwater. December 27, 1917.

COLDWATER STEAM LAUNDRY.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guards on band ironing machines and on sleeve ironer. Put low water alarm on boiler in working condition.

December 27, 1917.

HELLENBERG, J. B. CO.—At once put guards on both emery wheels in tool room. Put guards on all circular saws.

December 27, 1917.

HOOSIER STOVE CO.—Within ten days guard drive belt in boiler room.

Comstock Park. December 3, 1917.

MICHIGAN TANNERY.—Within ten days guard emery wheels. Guard ripsaw. Guard all exposed cog gears.

December 3, 1917.

MILL CREEK TANNERY.—Within ten days guard main drive belt at door of engine room.

Concord. September 6, 1917.

TUCKER, A. K.—Within ten days put guards around belts on flour rolls.

Conklin. January 31, 1917.

SAW MILL.—Equip boiler with low water alarm.

Digitized by Google

December 8, 1917.

CONSTANTINE BOARD & PAPER CO.—At once provide automatic gates at elevator opening in basement so constructed as to open and close by the action of the elevator either descending of ascending, also provide signal belt on elevator. Provide proper collar on paper roll shaft as a safety guard for key.

Coopersville. January 15, 1918.

UNITED HOME TELEPHONE CO.—Arrange hours of girls employed to conform with the fifty-hour law.

Copemish. February 16, 1918.

CHAPMAN SARGANT CO., THE—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guard over gear and pinion bevel, Dowell Machine. Put hand rail in front or at side of carriage pit. Put guards over gears on saddle machine. Put guard under main drive belt in main building. Install blower to carry away dust from sanding belt and machine.

February 16, 1918.

COPEMISH CREAMERY CO.—Install low water alarm on boiler.

Coral. June 8, 1917.

FARMERS CO-OPERATIVE CREAMERY CO.—At once provide low water alarm on boiler.

Corunna. November 22, 1917.

MARSHALL, H. F., GENERAL REPAIR SHOP.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guard over emery wheels. Put guards on all exposed gears on lathe.

Crystal Falls. December 27, 1917.

OSTERBERG & CO., MEATS & GROCERIES.—Within sixty days install toilets on floor occupied by Osterberg & Company as a meat market and grocery store, owned by Mr. Frank Scadden. Said toilet for the use of employes in store, one for females and one for males, to be separate from each other; heated lighted and ventilated and kept in a good sanitary condition at all times.

December 27, 1917.

UNITED STATES POST OFFICE—W. J. KELLY, OWNER.—Within sixty days install toilets in a convenient place on the floor occupied by the post office department for the use of the employes of said post office; one for the use of females and one for the use of males, each to be heated, lighted and ventilated and kept in a good sanitary condition at all times.

Deford. August 18, 1917.

ROBERTS, GEORGE.—At once guard all machinery and belts.

Detroit. April 16, 1917.

A. B. C. CO.—At once remove obstructions to fire escape and keep passage way to same clear at all times.

January 26, 1917.

ACCESSORY FORGING CO.—At once extend blower system to take in all grinding wheels in finishing department. Provide shield for counter shaft belt on grinding wheels in same department.

October 9, 1917.

ACCESSORY FORGINGS CO.—At once provide proper wrought iron guards for all emery wheels in basement.

Digitized by Google

October 18, 1917.

ACME MFG. CO.—At once provide covers for all exposed gears on 20-inch lathe in machine shop.

June 20 1918.

ACME PATTERN WORKS.—At once guard upper wheels of bandsaws. Provide proper wrought iron guards for all emery wheels. Remove all exposed set screws and guard large belt over head near main door. Remove all obstructions leading to rear stairway.

August 9, 1917.

ADVANCE GARAGE.—At once keep on file in your office working permits for all children under sixteen years of age.

May 3, 1917.

ADVANCE MACHINE CO.— At once guard overhead motor belts.

June 8, 1917.

AJAX PATTERN WORKS.—At once guard upper and lower wheels of bandsaw. Box in all belts and pulleys which are running near floor.

August 9, 1917.

THE ALLIANCE BRASS FOUNDRY CO.—At once discontinue employing boys under eighteen years of age on any dangerous machinery.

September 25, 1917.

ALUMINUM CASTINGS CO.—At once guard all electric switches lower than 6 feet from ground. Keep closets and wash rooms in a more sanitary condition. Install large suction fan in Department 1 to take off smoke and gases. Guard all emery wheels. Guard gear and pulley on punch press 11409, Dept. 2. Insist on goggles being worn by men working on grinders and buffers, and place sign to that effect.

August 14, 1917.

AMERICAN AUTO TRIMMING CO.—At once place signs opposite all fire escapes directing way to fire escape on third, fourth and fifth floors.

October 17, 1917.

AMERICAN BLOWER FOUNDRY CO.—At once guard ripsaw in carpenter shop

October 3, 1917.

AMERICAN BLOWER CO.—At once provide proper wrought iron guards for emery wheel. Guard end of shaft on press No. 59 in Dept. 92. Guard drill press No. 127.

August 27, 1917

AMERICAN BREWING CO.—At once erect iron pipe rail guard around air pump.

August 10, 1917.

AMERICAN COMMERCIAL CO.—At once cover all gears on lathes.

November 15, 1917.

AMERICAN LADY CORSET CO. INC.—At once place signs directing way to fire escape on all floors of new building. Keep all doors leading to different departments open during business hours where it will not permit draught to enter.

January 18, 1917.

AMERICAN MESSENGER CO.—At once procure and keep on file working permits for all employes under sixteen years of age.

Digitized by Google

October 10, 1917.

AMERICAN RADIATOR CO.—At once guard radial drill press, also guard drill press No 38 on first floor.

July 25, 1917.

AMERICAN SHOW CASE & MFG. CO.—At once provide proper wrought iron guards for emery wheels. Connect dust creating machinery to blower and keep all machinery properly guarded.

May 24, 1917.

AMERICAN TOOL & DIE CO.—At once replace all dangerous square head set screws with safety ones. Provide proper wrought iron guards for emery wheels.

July 23, 1917.

ANDERSON DROP FORGE MACHINE CO.—At once put guard on elevator door and guard all lower pulleys throughout plant, also all gears

October 23, 1917.

ANDERSON ELECTRIC CAR CO.—At once provide proper wrought iron guards for emery wheel in tool room. Place toilets in Body Dept. on second floor in a sanitary condition.

August 13, 1917.

ANDERSON, W. H. TOOL & SUPPLY CO.—At once remove all exposed set screws on trip hammer on second floor.

August 3, 1917.

ARMSTRONG TANNING CO.—At once place guards on wheel and belt on turner tanning machine No. 92. Guard belts, pulley and gears on unhairing machines.

October 11, 1917.

THE ART STOVE CO.—At once guard overhead belts on buffing wheels on third floor. Guard emery wheels in pattern shop.

December 28, 1917.

ATLAS FOUNDRY CO.—At once install two more toilets in foundry wash room for men. Provide separate toilets properly designated for females, also wash and dressing rooms, and do not permit them to work for a longer period than 9 or 10 hours in any one day, or more than 54 hours in any one week.

October 5, 1917.

AUTO CRANK SHAFT CO.—At once guard 4 Le Blond machines. Guard overhead belts on motors on main floor. Place toilet on second floor in a sanitary condition.

April 19, 1917

AUTOMATIC PRODUCTS CO.—At once provide blower system for dry grinding wheels.

August 7, 1917.

AUTO PRODUCTS CORPORATION.—At once cover gears on Hendy lathe in machine repair dept. Guard lower pulleys on automatic tapper No. 2. Cover gears on sliter machines. Box belt and wheel and cover gears on draw benches. Cover gears on all rolling machines. Cover gears on lathe No. 67; guard pulleys on passageways on punch presses Nos. 74 and 29. Guard all pulleys and belts where women are working on machines. Keep all starting boxes clear of obstruction at all times.

September 18, 1917.

THE BAGACKI MILLING CO.—At once provide hand rail on stairs of first, second and third floors of mill.

Digitized by Google

June 13, 1917.

BEALS, P. W., CANDIES.—At once discontinue employing female help longer than ten hours in any one day or longer than fifty-four hours in any one week.

June 11, 1917.

BELL PUMP & MFG. CO.—At once keep on file permits for all employes who are less than sixteen years of age. Provide proper wrought iron guards for emery wheels. Provide printed notice directing way to rear exit on top floor and keep same clear at all times.

August 6, 1917.

BOWER ROLLER BEARING CO.—At once guard wheels and gears on Cleveland Automatic machines. Guard gears on machine No. 113. Guard lower belts and pulleys on all passageways. Cover gears on Seneca Falls machine in tool room. Cover gears on Strelinger Lathe machine in tool room. Put in a new wash room for employes in factory.

May 15, 1917.

BRADLEY BROTHERS CO., INC.—At once provide separate toilet for the use of your female employes.

April 27, 1917.

BRASS BED REPAIR CO.—At once provide proper blower to take away the dust from buffing wheels. Provide a proper wrought iron guard for emery wheel, fourth floor.

January 23, 1917.

BRASS PRODUCTS CO.—At once repair grating on brass furnace and improve suction in blower pipes of buffing and polishing wheels to carry off dust and lint from wheels as provided for by Sections 27-28-29 and 30 of the State Labor Laws. Keep on file record of all employes who are under sixteen years of age.

September 26, 1917.

THE BROADWAY MARKET.—Do not permit males under 18 years of age to operate elevators.

August 16, 1917.

BROSSY, L. C., DYEING CO.—At once install low water alarm on boiler.

July 9, 1917.

BROWN-HAWKINS LUMBER CO.—At once provide proper wrought iron guards for all emery wheels. Guard jointer knife machine, also exposed set screws on shafting. Provide hand rails for front and rear stairways. Guard all belts and pulleys near floor. Connect dust creating machinery to blower to take away dust.

March 1, 1917.

BUECHNER, J. L.—At once provide better suction in exhaust fan system so that it will draw a column of water five inches high in a U shaped tube to take the dust from buffing and polishing wheels. Also provide proper hoods or hoppers so applied to such wheels that the dust or refuse therefrom will fall from such wheels.

October 8, 1917.

BUHL STAMPING CO.—At once provide guards for all shears in raw material department. Guard all riveting machines, all emery wheels and all exposed gears on machines through entire plant.

August 29, 1917.

BURROUGHS ADDING MACHINE CO.—At once discontinue the employment of females on polishing, buffing and emery grinding wheels in compliance with Section 31, Act 285 of the Public Acts of 1909 as amended.

Digitized by Google

April 12, 1917.

CADILLAC AUTO PAINTING & TRIMMING CO.—At once repair and place on freight elevator automatic gates on first and second floors. Keep elevator in good condition at all times.

July 13, 1917.

CADILLAC CAN CO.—At once guard exposed set screws, also open wheels on body maker machines.

July 25, 1917.

CADILLAC MOTOR CAR CO.—At once repair safety gates on elevator on first and third floors.

August 14, 1917.

CADILLAC MOTOR CAR CO., PLANT NO. 6.—At once erect trough guard around motor belt on sand mixer and pipe rail screen around up and down belt. Place guard rail around belt of wire cutting machine No. 764. Continue side rails on overhead belting in rattling room and erect pipe rail guard around belt (tumbler) in cleaning room. Provide high stools for all female help, also remove water filled barrel level with floor in core room near oven.

September 12, 1917.

CADILLAC MOTOR CAR CO.—Remove exposed set screws on shafting in departments V. No. 10 and Dept. M. No. 59. Guard belt over head near fire door and exposed set screws on shafting Dept. No. 13 F. Remove all exposed set screws and guard-belt and pulley on machine No. 1958, Dept. F, No. 12. Remove all exposed set screws in department No. 66. Guard belt and pulley on machine No. 422, Dept. M. 49; also guard exposed set screws in department No. 45; guard overhead belts in Department M 62, and three over head belts in Department M 69, south end building. Guard overhead belts and set screws on shafting Department M. 55, and belt and pulley on stoker engine No. 6, Dept. B. 35. Guard overhead belts Dept. 80. Bldg. N. and in Dept. M. 56 provide automatic gates for elevator openings, Dept. M. 42, first floor and first floor long building. Guard belts and pulleys on all milling machines No. 6, Dept. M. 47; guard lower and upper wheels of band-saw overhead belts Dept. M. 48, third floor, and four overhead belts, first floor, west end long building, and belts and pulleys on Columbia sander No. 3569, Dept. V. 32.

September 20, 1917.

CADILLAC MOTOR CAR CO.—At once place guard rails around belt and pulley, also fly wheel of air compressor.

October 11, 1917.

CADILLAC MOTOR CAR CO.—At once cover gears on lathes Nos. 3227-1517-363-2208-306-375-402-739-357. Cover gears on machine 2861. Guard all emery wheels.

May 17, 1917.

CADILLAC TOOL CO.—At once provide guard or shield for motor belt on main drive shaft.

September 28, 1917.

THE CAILLE BROTHERS CO.—At once provide proper wrought iron guards for all emery wheels; guard upper wheels of bandsaws, and bevel gears on drill presses, also fly wheel on engine. Remove all exposed set screws on shaftings, and provide exit on third floor leading to fire escape.

March 28, 1917.

CASKET HARDWARE CO.—At once clean women's toilet room and keep it in a sanitary condition.

October 3, 1917.

CENTRAL BOILER WORKS.—At once guard all machinery.

Digitized by Google

October 22, 1917.

CENTRAL PLATING CO.—At once guard belt and pulley on motor. Install a blower system to take away the dust from polishing and buffing wheels. Provide hand rail for stairs.

October 18, 1917.

CENTRAL SPECIALTY CO.—At once cover gears on rolling barrels. Install blowers on grinders and buffer.

July 12, 1917.

CHALMERS MOTOR CAR CO.—At once place sign on third and fourth floors in center opposite each fire escape in every department. Extend blower to all emery wheels in Dept. 2. Place guards on lower pulleys in service machine shop and on punch presses. Put hoods on enamel tanks.

June 7, 1917.

CHAPPER, F. A., IRON WORKS.—At once remove or guard all dangerous squarehead set screws on drill press and counter shaft on second floor.

September 27, 1917.

CHICAGO PNEUMATIC TOOL CO.—At once remove all exposed set screws on shafting. Guard all exposed gears on end of lathes, upper wheels of bandsaw and guard belt and pulley on motor in new grinding room. Do not permit males under 18 years of age to work on dangerous machinery.

August 3, 1917.

CITY LUMBER CO.—At once place guards on pulleys on inside moulder machines.

October 16, 1917.

CLAYTON & LAMBERT MFG. CO.—At once guard drill press No. 361-360-423; also guard lathe No. 378-282; also guard press No. 412 and emery wheel on Floor No. 1.

September 6, 1917.

CLIPPERT, GEORGE H.—At once repair low water alarm on boiler No. 1. Extend length of guard rail on crank shaft of engine.

September 6, 1917.

CLIPPERT, WILLIAM, BRICK MFG.—Guard gears on brick machine No. 1. Repair low water alarm on boiler No. 1.

January 9, 1918.

COMMERCIAL MILLING CO.—At once cover or remove all exposed set screws on shafting on first floor in Mill B.

July 16, 1917.

CONTINENTAL MOTORS CORPORATION.—At once put guard on lower pulleys, Dept. T. Guard all lower pulleys on rimmer grinders. Guard all lower pulleys in Dept. 1. N. and Dept D. 1. Place guard on gears. Guard pulleys on all milling machines. Put guard on aisle pulley, punch press No 15. Put guard on D. M. 1, Dept A. Put guard on punch press No. 11 also on punch press No. 16. D. T. Remove starting box for Rockford boring machine away from all obstruction. Guard lower pulleys throughout plant. Keep all passageways clear at all times. Build solid foundation for punch press D. 11.

August 13, 1917.

CROSS GEAR & ENGINE CO.—At once box large belts on power engine. Guard all lower pulleys on all passageways. Cover gears on gear cutters and lathes.

Digitized by Google

September 20, 1917.

CUDAHY BROTHERS CO.—At once place elevator gate in safe condition on ground floor. Place toilet in basement in sanitary condition.

September 4, 1917.

DANIEL, JACOB, BRICK CO.—At once guard cut off saw in machine shop.

November 27, 1917.

DEANE, C. H. COMPANY.—At once discharge boy in your employ under fifteen years of age. Do not permit boys under fifteen years of age to work for you without a permit.

November 21, 1917.

DE LUX LAUNDRY CO.—At once provide at least four more toilets for male and female employes. Keep guards on all extractors.

October 25, 1917.

DENBY MOTOR TRUCK CO.—At once guard set screws or remove same on American lathe. Guard drill press No. 3092.

February 14, 1917.

DETROIT AUTOMATIC CLAMP CO.—At once discontinue employing women to operate consolidated Press 103. Do not allow machine operator to reach behind die and operate machine with foot at same time.

September 4, 1917.

DETROIT AUTO DASH CO.—At once remove exposed set screws on belt sander, second floor. Guard belts and shafting on shaper on first floor.

October 9, 1917.

DETROIT AUTO PRODUCTS CO.—At once put guard on bandsaw. Box up tendler saws. Fix window at rear of factory where women work.

July 18, 1917.

DETROIT BRASSWORKS.—At once remove all exposed set screws and guard belts and pulleys on all cock grinding machines. Keep elevator doors and gates in good working condition.

August 23, 1917.

DETROIT CHAIR CO.—At once box belts on planer, first floor.

October 24, 1917.

DETROIT CITY GAS CO.—At once provide a proper blower system in buffing room to take away the dust from buffing wheels, so that it will draw a column of water five inches high in a U shaped tube.

July 13, 1917.

DETROIT COPPER & BRASS ROLLING MILLS.—At once repair low water alarm on boiler No. 12. Provide two more toilets and urinals in west side of plant. Also provide toilet and urinal in machine shop.

October 16, 1917.

DETROIT CREAMERY CO.—At once guard belt and pulley on dairy machine, also motor belt overhead in ice cream department, second floor.

May 15, 1917.

DETROIT FORGING CO.—At once provide safety guards for all punch presses. Guard belt and pulley on planer, machine shop, same on turning machine in wood working shop. Guard overhead belt in furnace room. Guard large belts running

Digitized by Google

through wall in hammer shop. Connect all dry grinding wheels with blower system.

May 29, 1917.

DETROIT FREE PRESS CO.—At once procure and keep on file working permits for all employes under sixteen years of age.

August 15, 1917.

DETROIT FURNITURE MFG. CO.—At once cover gears on sticker machine. Box floor belt on planer. Box pulley on cut off machine, second floor.

April 18, 1917.

DETROIT GEAR MACHINE CO.—At once provide blower system to carry off dust from brush wheels in basement, also equip wheel lathes with belt shifters. Guard or provide screens for all motor drive belts which run over passageways.

November 16, 1917.

DETROIT LEAD PIPE WORKS.—At once provide safety gates on elevator in basement connected with shipping room, and also lead room.

July 19, 1917.

DETROIT LEATHER SPECIALTY CO., INC.—At once guard emery wheel on splitting machine, first floor. Do not permit boys under 18 years of age to operate splitting machine.

May 4, 1917.

THE DETROIT LEGAL NEWS CO.—At once guard all fly wheels on all cylinder and Gordon presses, also one exposed set screw.

July 9, 1917.

DETROIT NUT CO.—At once place gate on entrance to elevator on main floor.

December 17, 1917.

DETROIT OVERALL LAUNDRY CO., INC.—At once provide low water alarm on boiler, also a cover for extractor and a guard rail across receiving door, second floor.

March 13, 1917.

DETROIT OVERALL LAUNDRY CO.—At once clean stairway leading to second floor and provide cover for extractor.

April 4, 1917.

DETROIT PAPER STOCK CO.—At once designate toilets for male and female employes. Guard all well holes in floor and see that all automatic gates for elevator are in good working condition.

September 10, 1917.

DETROIT PRESSED STEEL CO.—At once guard all lower pulleys and belts throughout plant. Guard large wheel punch press No. 10, belt and pulley, punch press No. 3. Cover gears punch press No. 8. Cover belt and wheel machine No. 20. Cover gears and box wheel machine No. 133 and 4. Cover gears machine No. 11, large wheels 6 and 7. Guard pulley and gears, machines 14. Cover large gear 35. Cover gears, drill press 208. Guard wheels on punch presses 78-69-68-298-324-299-325-300-12-76-77. Guard all emery wheels and put sign up ordering men to wear goggles. Box all electric starters.

September 4, 1917.

DETROIT PULLEY CO.—At once cover gears on planer, first floor. Box large belt in engine room. Box lower belt on planer, second floor.

Digitized by Google

December 3, 1917.

THE DETROIT SANITARY SUPPLY.—At once discontinue the employment of boy under eighteen years old longer than ten hours in any one day or fifty-four hours in any one week.

September 26, 1917.

DETROIT SHIP BUILDING CO.—At once erect guard rail on each side overhead platform in machine shop.

December 7, 1917.

DETROIT SLIPPER MFG. CO.—At once provide a separate and distinct toilet for your female employes and designate same for women only. Provide better ventilation for toilet used by the men in your factory.

May 1, 1917.

DETROIT SOLUBLE OIL CO.—At once enclose sides of elevator shaft and provide automatic gates for freight elevator openings.

May 29, 1917.

DELPHI SPECIALTY MFG. CO.—At once provide safety guards for all punch and stamping presses on which it is necessary for operators' hands to come in contact with dies. Repair blower system in grinding department to comply with Section 16 of State Law. Guard motor drive belt in press department No. 2, and provide two or more uprights to support roof of same department.

April 20, 1917.

DETROIT STEEL CASTING CO.—At once repair elevator gate on charging elevator in shop No. 2, also repair and place fender on charging car.

September 27, 1917.

DETROIT STEEL PRODUCTS CO.—At once guard all emery wheels. Box all belts and guard pulleys on all passageways. Guard all lower pulleys. Guard wheel punch press No. 127. Guard large wheel 122-115. Fix guard on aisle shaft 93-99. Cover gears on machine 53. Guard pulleys on all punch presses running close to men working on presses. Guard emery machine 215. Cover gear No. 24. Cover gear Bliss 302, aisle wheel 357-347. Insist on men wearing goggles on all emery wheels, place signs to that effect.

August 31, 1917.

DETROIT STORE FIXTURE CO.—At once guard band saw on second floor. Provide proper wrought iron guards for emery wheel on second floor.

October 19, 1917.

DETROIT TOOL CO.—At once guard J. & L. machine.

April 27, 1917.

DETROIT TRAILER CO., INC.—At once provide guard rail for pump, board guard on screen for motor belt, and wrought iron guards for emery wheels.

September 6, 1917.

DETROIT TRUST CO.—At once provide sanitary toilet for the use of the females employed by the Wolverine Creamery Products Company at 465 Woodward Ave.

May 9, 1917.

DETROIT TRUST CO., AGENTS.—At once erect fire escape on four story brick building No. 570 to 590 Franklin Street, same to be built on east and west sides of building and according to State specifications.

Digitized by Google

July 24, 1917.

DETROIT VAPOR STOVE CO.—At once place guards on all lower pulleys. Guard pulleys and large wheels on all gear presses. Put guard on gears on planer and emery wheels in tool room.

April 5, 1917.

THE DETROIT WORKS.—At once guard lower wheel of band saw.

November 9, 1917.

THE DETROIT WORKS.—At once install suction fan over furnace to remove gases.

October 26, 1917.

DETROIT WIRE SPRING CO.—At once provide proper wrought iron guard for emery wheel on fourth floor. Remove exposed set screws on counter shaft on LeBlond milling machine in machine repair shop.

January 21, 1918.

DIXON BROTHERS.—At once install separate toilet for use of females at No. 1641 Joseph Campau Avenue.

September 17, 1917.

DODGE BROTHERS MOTOR CAR CO.—At once guard pulleys on machines 5871-5872, Dept. 17. Guard all lower pulleys. Guard wheel running machine 5022, Dept. 40. Guard large wheels, machine 5021. Cover gears lathe 113, Dept. 60. Place signs opposite all stairways where women are working on third floor, and also on fourth floor directing way to fire escape.

April 13, 1917.

DURAND CLEANERS & DYERS.—At once discontinue employing females longer than ten hours in any one day or longer than fifty-four hours in any one week.

November 9, 1917.

EAST SIDE CREAMERY CO.—At once guard pulleys and large belts on churns. Guard large belts and wheels on ice machines.

October 18, 1917.

ECLIPSE INTERCHANGEABLE COUNTERBORE CO.—At once guard all belts and pulleys on all machines where women work. Guard belt on hand milling machines. Guard pulleys on rotary grinders. Guard all lower belts and pulleys.

May 25, 1917.

THE EDMUNDS & FULTON CO.—At once replace all dangerous square head set screws with safety ones. Do not permit employes who are under 18 years of age to work over an average of nine hours a day or fifty-four hours per week.

January 3, 1918.

EDMUNDS & FULTON CO.—At once properly designate women's toilet room and provide a proper entrance to same. Procure and keep on file working permits for all employes under sixteen.

February 19, 1918.

EDMUNDS & JONES CORPORATION.—At once discontinue employing females to operate or use any buffing, polishing or emery wheels.

August 27, 1917.

ENTERPRISE FOUNDRY CO.—At once box up all electric switches.

August 14, 1917.

EVERITT BROTHERS.—At once guard small dynamo. Box belt running from engine room. Put gate on elevator.

Digitized by Google

November 27, 1917.

EVANS WINTER HEBB, INC.—At once discontinue employing females longer than ten hours in any one day or longer than fifty-four hours in any one week.

March 1, 1918.

FAULL, WILLIAM H.—At once discharge boy in your employ under fifteen years old. Do not permit any boy under sixteen years of age to work without a permit.

October 10, 1917.

FEDERAL BRASS WORKS.—At once remove all exposed set screws on emery wheels No. 1 and 2. Remove exposed set screws on machines No. 65, 62 and 9, in machine shop.

September 26, 1917.

FEDERAL CARBONIC CO.—At once erect platform with guard rail for adjusting belts of pulleys on sand hopper machine. Erect guard rail around pit of sand elevator and guard rail around crank shaft and fly wheel of engine. Repair low water alarm on Henze boiler.

April 26, 1917.

FEDERAL MOTOR TRUCK CO.—At once guard all belts and pulleys on drill presses in machine shop near floor. Replace guard on emery wheel on second floor. Provide hand rail on rear stairway. Guard bevel gears on machine No. 40 in bench.

April 27, 1917.

FERRO STAMPING & MFG. CO.—At once equip with safety guards all punch presses where it is necessary for operator's hand to come in contact with dies. Provide exhaust system to carry off fumes and gases from oven on first floor, also blower system for grinding wheels, as provided for by Section 16 of State Law.

August 22, 1917.

FINK, W. M. OVERALL CO.—At once cover gears on lathe.

April 26, 1917.

FISHER BODY CORPORATION.—At once repair blower system on polishing wheels so as to produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

September 28, 1917.

FISHER BODY CORPORATION, PLANT 10.—At once provide proper wrought iron guards for emery wheel No. 747, also guard band saw No. 1324.

October 8, 1917.

FISHER BODY CORPORATION.—At once guard emery wheel 14 K. 5; guard band saw 1264; guard lathe 492 in disc room; guard saw No. 3163; guard band saw 556, also belts on floor on same.

October 8, 1917.

FISHER BODY CO., PLANT NO. 14.—At once guard rail on dynamo machine No. 57. Keep all electric wires off floor in mill. Guard large wheels on Toledo punch press 94-E. Keep obstructions away from all starting switches. Box all lower belts and pulleys on passageways.

October 15, 1917.

FISHER BODY CORPORATION.—At once have guards put on all emery wheels and entend blower to all emery and buffers at once.

Digitized by Google

October 29, 1917.

FISHER ELECTRICAL WORKS.—At once guard drill press on first floor; also lathe on first floor. Provide proper wrought iron guard for emery wheel on first floor.

October 4, 1917.

FORD, J. B. CHEMICAL CO.—At once provide hand rail and wider platform around mixer, second floor, north wing. Place guard around scale motor drive, third floor, north wing. Provide guard for open door, second floor, rotary room, also rail around shafting gears, and convey or in rotary room, third floor. Place rail around all platforms in process.

December 19, 1917.

FORMAN, THOMAS CO.—At once flush out and clean up the floor of men's toilet and keep same in a sanitary condition at all times.

October 19, 1917.

FOUNDRY & MACHINE PRODUCTS CO.—At once cover gears on gear shapers; keep obstructions away from all electric starting switches at all times. Guard all dangerous places.

July 6, 1917.

FOX, MAURICE W. & CO.—At once install a blower system to take away the dust from buffing wheel.

May 23, 1917.

THE FROLICH GLASS CO.—At once cover bevel gears on paint mixer machines. Remove all obstructions leading to fire escape. Place windows at fire escape in good working order.

August 21, 1917.

FRUEHAUT TRAILER CO.—At once box electric switch. Cover gears on drill presses. Put safety gate on ground floor elevator shaft.

October 18, 1917.

THE FULLER CO.—At once guard all lathes in shop.

April 27, 1917.

GARNER, G. V.—At once arrange the hours of your female employes to conform to the 54-hour law.

July 26, 1917.

GEMMER MFG. CO.—At once remove all exposed set screws on shafting; guard belt and pulley on bandsaw. Provide proper wrought iron guards for emery wheels, second floor, new building. Guard belt and pulley operating fan near the floor. Place elevator gate on third floor in good working order.

October 15, 1917.

GENERAL ALUMINUM BRASS MFG. CO.—At once box all electric switches lower than 6 feet from floor. Cover gears on lathes. Box belts on passageways.

August 21, 1917.

GENERAL ICE DELIVERY CO. (Michigan Ave. Plant).—At once erect pipe rail guard around motor drive and fly wheel of engine.

May 24, 1917.

GENERAL OFFICES OF PERE MARQUETTE RY. CO.—At once provide sufficient toilets for the use of your female employes; at least one for every 25 persons.

October 3, 1917.

GODDARD TOOL CO.—At once guard all exposed set screws. Guard belts on cut off saws. Do not employ boy under sixteen years of age.

Digitized by Google

November 8, 1917.

GOODNOW POWER BLOCK.—At once place and provide automatic gates at all elevator openings in building now occupied by Michigan Machine Company and others.

May 15, 1917.

GRANT SILVER PLATING CO.—At once provide blower system for polishing and buffing wheels; also blower system to be constructed as provided by Sections 27-28-29 and 30 of the State law governing the operation of polishing and buffing wheels.

July 11, 1917.

GRAND UNION TEA CO.—At once provide a separate toilet for the use of your female employes.

April 11, 1917.

GRAY-HAWLEY CO.—At once procure and keep on file in your office working permits for all children under the age of sixteen years.

May 17, 1917.

GRAY-HAWLEY CO.—At once provide blower for dry grinding wheel and guard motor belt.

October 15, 1917.

GREENFIELD YARD.—At once provide separate toilet for female in your employ. Do not permit her to work for a longer period than 54 hours in any one week.

August 23, 1917.

GRETOW, H.—At once cover gears on sander machine.

August 27, 1917.

HAHN MACHINE SPECIALTY CO.—At once guard emery wheels. Cover gears on lathe. Guard lower pulleys.

July 23, 1917.

HAMMOND-STANDISH & CO.—At once repair No. 2 elevator gates on second and third floors.

May 8, 1917.

HANFORD-JESSE PRINTING CO.—At once provide screen guards for fly wheels on two Gordon printing presses. Guard or remove key on hub of hand feed press.

July 13, 1917.

HANSON TOOL & DIE CO.—At once guard all exposed set screws on shafting, also gears on drill presses.

June 8, 1917.

HARRIS, MONROE.—At once clean toilet and basement stairway.

August 2, 1917.

HAYES MFG. CO.—At once repair low water alarm on boiler No. 2, also holes in floor, cutting Dept. No. 4. Provide guard on alley door, second floor, Dept. 12, sample room side.

September 13, 1917.

HARCUS & CO.—At once guard bandsaw on second floor.

April 24, 1917.

HEVEL, WILLIAM, TAILOR.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

Digitized by Google

June 8, 1917.

HEHL MFG. CO.—At once repair and put in sanitary condition the toilet on second floor of building occupied by the Hehl Mfg. Co., at 140 East Fort Street.

January 3, 1917.

HINES MFG. CO.—Reinforce center line of shafting by strapping horizontal timbers to beams and providing three or more upright supports to roof of building to help carry weight of shafting and pulleys.

July 11, 1917.

HOENSHEID STEEL TREATING CO.—At once erect an iron guard rail around air compressor. Install blower system and connect with sand blast to carry off noxious odor, gas, etc.

June 4, 1917.

HOLLIDAY BOX CO.—At once repair low water alarm and keep same in good condition at all times. Provide ventilating fan for engine room to carry off heat and foul air to outside of building.

December 19, 1917.

HOLSBEKE, MR. C. V.—At once arrange hours of female in your employe so as she will not work over ten hours in any one day nor more than fifty-four hours in any one week.

April 26, 1917.

HOMER-WARREN CO.—At once provide separate toilet for the use of the females employed by the Wolverine Printing Co. at 27 West Montcalm.

August 30, 1917.

HOUSE OF THE GOOD SHEPHERD, LAUNDRY.—At once guard set keys on washing machines in laundry, also guard belt and pulley and exposed gears on collar ironer. Remove exposed set screws on shafting in machine shop. Guard sprocket chain and wheel and belt on cream separator.

September 6, 1917.

HUPP MOTOR CAR CO.—At once box all lower belts and pulleys throughout plant. Box belt and wheel on machines 147-148-149. Box large belt machine 143. Guard all electric switches lower than 6 feet from floor. Guard emery wheel, Dept. XX. Put fire escape on fourth floor where women are employed.

August 27, 1917.

INLAND DELRAY SALT CO.—At once box in belting of sewing machine. Repair holes in floor of S. M. room. Erect iron guard rail around drive for Carton machine also around water spill. Place wire guard over holes in floor in bag filing department. Repair low water alarm on boiler No. 8.

June 15, 1917.

IMPERIAL WELDING CO.—At once provide wrought iron guards for emery wheels, also provide a proper hood over open furnace to carry away gases.

December 26, 1917.

THE IRELAND MATHEWS MFG. CO.—At once provide high stools for girls at work in Dept. 25. Place exit signs at stairs in center of building on all floors directing way out.

September 7, 1917.

ISKO, INC.—At once put guards on all emery wheels. Guard all lower pulleys. Build a safe guard on circular saw and wheel. Place sign at grinders for men to wear goggles working on grinders.

Digitized by Google

August 24, 1917.

THE ITALIAN PUBLISHING CO.—At once cover gears on two presses.

September 4, 1917.

JONES-REGAN CO.—At once place a higher hood on meat chopper machine to prevent one operating machine from getting their hand in knife while machine is in operation. Do not permit males under eighteen years of age to operate dangerous machinery.

November 19, 1917.

THE KENNEDY & GREIG CO.—At once guard drill press, four lathes, emery wheel, all in machine shop.

January 20, 1917.

KENT, C. A., OWNER.—At once erect fire escape on rear of building No. 190-192, Jefferson Avenue, East. Balconies of fire escape to be four feet wide and take in two or more windows of each floor above the first; cut down one window on each floor even with platform of balconies and install doors to swing outward. Fire escape to be built to conform with State specifications.

August 31, 1917.

KRAMER, H. & CO.—At once guard metal cutting machine at International Stamping Company's Plant.

December 6, 1917.

KROGER GROCERY & BAKING CO.—At once provide proper separate toilets for use of your men and women employes at 394 Grand River Ave. Provide stools for use of women in their leisure time. Keep store heated to at least 70 degrees. Drain and keep basement in a sanitary condition.

March 20, 1917.

KROLIK & CO.—At once erect fire escape on rear of building No. 190-192 East Jefferson Avenue. Balconies of fire escape to take in two or more windows at each floor above the first; balconies to be at least four feet wide. Cut down window on each floor and install doors to swing outward. Fire escape to be built according to State specifications.

October 4, 1917.

KRUCE, E. J. & CO.—At once remove all exposed set screws, also guard all machinery.

July 11, 1917.

LAKESIDE FOUNDRY CO.—At once have toilets and washroom put in sanitary condition and kept so.

July 12, 1917.

LAMEASURE BROTHERS.—At once provide lock on small D. C. machine in D. C. Dept. Install automatic gate on elevator at second floor; also provide low water alarm on boiler. At once prevent boy under 18 years of age to operate elevator.

October 1, 1917.

THE LANGTRY MACHINE & TOOL CO.—At once guard all exposed gears on all lathes, machines and drill presses. Guard all large overhead belts on motors. Remove all exposed set screws on shaftings. Provide hand rail for stairs.

October 3, 1917.

THE LAVIGNE MFG. CO.—Remove all exposed set screws on shafting. Guard all overhead motor belts. Guard all belts and pulleys on all lathes and machines on third floor.

August 3, 1918.

LEWELLYN BEAN CO.—At once discontinue employing children between the ages of fourteen and sixteen years to work without a permit.

Digitized by Google

July 9, 1917.

LIBERTY MOTOR CAR CO.—At once put tin guard between ceiling and furnace pipe in enameling room.

November 27, 1917.

LINCOLN MOTOR CO.—At once place guard rails around platform leading to boiler room. Guard all belts and pulleys near the floor and all dangerous machinery.

October 4, 1917.

LONDON LAUNDRY CO.—At once cover gears on starch machine and fix railing on stairs.

August 13, 1917.

LONG, N. G.—At once procure and keep on file working permits for all employes under sixteen years of age.

February 2, 1917.

LONG MFG. CO.—At once repair hoods and provide proper suction in blower pipes to carry off dust and lint from polishing and buffing wheels as provided for by Section 30 of the State Labor Laws. Keep on file working permits for all employes who are less than sixteen years of age.

August 24, 1917.

LONG MFG. CO.—At once increase suction in blower system so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure equal to raising a colum of water not less than five inches high in a U-shaped tube, in compliance with Section 30 of Act 285 of the Public Acts of 1909.

October 18, 1917.

LONG MFG. CO.—At once guard drill press D. S. 45 on second floor. Remove exposed set screws on countershaft on milling machine on second floor.

November 28, 1917.

LONG MFG. CO.—At once put new and larger hoods on buffing and polishing wheels.

October 3, 1917.

THE LOVELAND CO.—At once provide proper wrought iron guards for all emery wheels, also automatic gates for elevator openings and guard side of elevator shaft, first floor.

September 5, 1917.

LONYO BROTHERS.—At once repair low water alarm on Boiler No. 1.

July 25, 1917.

MCCORD MFG. CO. PLANT NO. 4.—At once guard gear and pulley on spaceing machine. Put guard on gears, crimping machine.

September 7, 1917.

MCENALLY, MRS. A. W.—At once provide a separate toilet properly designated for the use of your female employes.

February 8, 1918.

THE MCRAE & ROBERTS BRASS CO.—At once clean out blower and provide better suction in the exhaust fan system, so that it will draw a column of water five inches high in a U-shaped tube to comply with blower system law.

April 13, 1917.

MACHINE, S. A. CO.—At once provide safety guard for punch presses. Guard motor belt and provide hood and blower for disc grinder.

Digitized by Google

August 13, 1917.

MANZELMAN BROOM MFG. CO.—At once box broom scraper when not in use.

April 17, 1917.

MARCH, GEORGE, MFG. CO.—At once clear passageway to fire escape on all floors and keep free access to same at all times.

August 16, 1917.

MARX BRASS FOUNDRY.—At once box electric starter and build guard on circular saw.

August 7, 1917.

MASSACHUSETTS LAUNDRY CO.—At once place all toilets in proper sanitary condition. Guard pit in rear of boiler. Keep all extractors properly guarded. Guard belt running through second floor.

May 1, 1917.

MAJESTIC CANDY CO.—At once procure and keep on file working permits for all children under sixteen years of age.

September 4, 1917.

MERCIER-BRYAN & LARKIN.—At once guard emery wheels in machine shop. Erect iron rail guard around fly wheel of engine.

November 30, 1917.

METROPOLIS LAUNDRY CO.—At once install a toilet for lady employes and keep the one now in use more clean and sanitary.

September 4, 1917.

METROPOLITAN MFG. CO.—At once remove all exposed set screws on shafting and properly guard belt and pulley on motor.

August 6, 1917.

MEYER AUTO ACCESORY CO.—At once guard gears on drill press, lathe and emery wheels.

August 20, 1917.

MICHIGAN CENTRAL TRANSFER HOUSE, JUNCTION YARDS.—At once discontinue the employment of females to work for a longer period than 9 or 10 hours in any one day or more than 54 hours in any one week.

October 22, 1917.

MICHIGAN CIGAR BOX CO.—At once have working papers and certificate of all under age workers on file.

August 3, 1917.

MICHIGAN ELECTRIC WELDING CO.—At once put guards on all lower pulleys and belts on passageways.

May 24, 1917.

MICHIGAN GRAY IRON CASTINGS CO.—At once place toilet in foundry in good clean condition and keep the same in such condition at all times.

May 22, 1917.

MICHIGAN LUBRICATOR CO.—At once provide proper suction in blower pipes in polishing and buffing room to comply with Section 30 of State Law. Repair exhaust system in grinding room to carry off dust and provide proper suction for same.

Digitized by Google

November 21, 1917.

MICHIGAN LUBRICATOR CO.—At once do not permit females in your employ to use or operate felt or emery wheels, etc., to comply with Section 31.

June 6, 1917.

MICHIGAN LUMBER YARD.—At once guard upper and lower wheels of bandsaw. Provide proper wrought iron guards for emery wheels.

November 8, 1917.

MICHIGAN MACHINE CO.—At once guard motor belt overhead. Place elevator gate in safe condition. Remove all exposed set screws on shafting, all in plant No 1. Place and provide automatic gates at elevator openings, plant No. 2, corner Fourth and Porter Streets.

April 20, 1917.

MICHIGAN MOTOR SPECIALITIES CO.—At once provide safety guards for all punch presses.

August 23, 1917.

MICHIGAN OPTICAL CO.—At once install low water alarm on boiler in place of old one.

May 15, 1917.

MORRISON BROTHERS.—At once provide hand railing for stairway leading to basement toilet; provide light and place room in sanitary condition.

June 8, 1917.

MODERN DIAMOND TOOL CO.—At once guard belt on motor, also bevel gear on drill press.

May 25, 1917.

MONARCH MFG. CO.—At once improve blower system in polishing and buffing department to comply with Sections 29 and 30 of State Law which requires a suction of air in branch pipes equal to raising a column of water five inches high in a U-shaped tube. Construction of pipes to conform with Sections 27-28-29 and 30 of the law governing fans and blowers.

March 14, 1917.

MONROE PAPER STOCK CO.—At once remove all obstructions in passageway to fire escape and keep same clear at all times.

September 24, 1917.

MOYER SHAW MFG. CO.—At once provide wrought-iron guards on all emery wheels.

August 7, 1917.

MICHIGAN STAMPING COMPANY.—At once cover gears on lathe 120. Cover bottom of gear on punch press 367. Cover gears on wiring machine, also on machine 243 and punch press 623 and 705. Guard all lower pulleys and belts on passageways throughout factory. Guard pulleys on punch press 41, 699-691-702-688-696-698 and 686. Box belt on Air machine. Place guard around hole in floor at punch press 30. Guard large belt and wheel on punch press 703-704. Guard passage between machine 47 and punch press 206.

December 18, 1917.

MICHIGAN STORE FIXTURE CO.—At once remove or cover all exposed set screws. Guard all machinery.

May 18, 1917.

MICHIGAN TOOL CO.—At once guard gears on lathes and provide shield for motor belts on main shaft.

Digitized by Google

November 14, 1917.

MICHIGAN WAREHOUSE CO.—At once put in proper working order safety gate on elevator, first floor.

February 19, 1918.

MILLER, DAVID, BAKERY.—At once provide working permit for boy in your employ under sixteen years old.

July 9, 1917.

M. & S. MFG. CO.—At once install guards on all emery wheels and on all exposed pulleys.

July 11, 1917.

MURPHY MACHINE CO.—At once repair steps and provide hand rail on rear stairs leading to factory.

November 27, 1917.

MURPHY MACHINE CO.—At once provide belt shifter on vertical milling machine just installed in new tool department. Provide a light in back stairs and keep burning during business hours.

October 8, 1917.

MURRAY, J. W. MFG. CO.—At once cover gears on all rimming and pincher machines, also on wiring machine. Put hoods on enamel tanks. Keep space clear around starting boxes. Guard emery wheels. Guard wheels on all punch presses.

September 10, 1917.

NATIONAL BAKING CO.—At once install new low water alarm on boiler in place of old one.

October 15, 1917.

NATIONAL CAN & RADIATOR CO.—At once guard all belts and pulleys on machines where women work. Cover gears on lathes. Guard pulleys and gears and box belts on tubes 1-2-3-4 and 5. Box all electric switches lower than six feet from floor. Fix toilets on second and third floors and make same more sanitary.

August 24, 1917.

NATIONAL MACHINE PRODUCTS CO.—At once cover gears on automatic screw machines. Cover gears on lathes, first and second floors. Guard lower pulleys and belt on K. 1. Guard big gears on punch press 3. Guard lower pulleys on all passageways.

October 22, 1917.

NATIONAL TWIST DRILL & TOOL CO.—At once provide proper wrought iron guards for emery wheel in cutting department. Install new low water alarm on boiler in place of old one.

February 7, 1918.

NEWTON PACKING CO.—At once arrange a schedule of hours for your female employes not to exceed ten hours per day or fifty-four hours in any one week.

January 16, 1918.

NEW YORK CENTRAL FREIGHT HOUSE.—At once provide working permit for one female in your employ and keep on file in this office. Do not permit her to work for a longer period than 48 hours in any one week. Allow no males to use females toilet.

May 17, 1917.

NORTHWESTERN MOTOR SALES & SERVICE CO.—At once repair and place elevator gates in good working order.

Digitized by Google

August 20, 1917.

OELMAN MACHINE CO.—At once provide proper wrought iron guards for all emery wheels. Remove all exposed set screws. Guard all machinery.

November 30, 1917.

O. K. LAUNDRY.—At once provide covers on all extractors. Guard gears on mangle machine.

October 1, 1917.

OLDS LAUNDRY CO.—At once cover all stripped gears on washing machines and put suitable guard on engine wheels, second floor. Cover all belts and pulleys.

October 18, 1917.

O'NEIL MFG. CO.—At once guard drill press in blacksmith shop; also guard saw planer on first floor. Guard belts on shaper on first floor. Provide handrails for stairways from first to second floor. Remove obstruction from stairway on third floor. Place elevator gates in safe condition on second floor. Place toilets in a sanitary condition on third floor.

August 28-29-30-31, 1917.

PACKARD MOTOR CAR CO.—At once in Dept. C. cover gears on lathe 2668. Box lower pulley on machine 4118. Put hood on all enameling tanks Dept. L. A. Cover gears on machine 5307. Box belt and motor B 15. Dept. L. C. put blower on top of rip saw. Dept. O. D. F. cover gears on lathe 26. Dept. O. D. B. cover gears on lathe 5048. Dept. O. D. B. cover gears on machine 3814. Guard all lower pulleys in Dept. C. D. A. Dept. C. P. cover gears on lathes 4051-4053-405. Dept. C. D. B. box all lower pulleys and belts, cover gears on milling machine 2495. Box electric switch D 70. Cover pulley and gear machines 915-919-5423. Box switch C69-CF. G. Guard lower pulleys Dept C. Dept. A. M. fix blower on Heal Grinder. Guard lower belts and pulleys on Heal Grinders 4693-4694. Dept. D. H. box large belt on motor E. 45. Cover gears on lathe 373-1702. Box wheel and gear on rolling barrel, Dept. B. E. division, box large belts on punch presses. E. H. box large belt on motor; guard all large pulleys on passageways, guard both sides large wheel machine 2782 E. H. Guard all large wheels in drop forge, Dept. D. O. Guard large belt and wheel on machine 5361, side belt and pulley on 4655. Dept. D. S. Guard belt and pulleys machines 2031-2032. Cover gears on gear shaper 4015-4016. Cover top gears on beveled gear cutters 2055-2051-2058-2060-5451. Cover gears on gear cutter 5453. Dept. D. R. box lower pulleys, machine 1902. Dept. P. F. box belt machine 4699. Dept. P. B. keep covers on gears on all lathes. Keep doors leading to fire escape open during working hours. Guard all belts and dangerous pulleys where women are working and pulley machine 4536-4538. Dept. D. O. Box large belt on machine 5711-4775 and all lower pulleys. Box electric switch F. 77. Dept. D. J. repair machine 1821, guard gears on 1874. Dept. D. H. cover gears on machines 606-608-637-648. Cover electric switch box, belt and wheel 3447. Dept. D. A. guard large belt, machine 2581. Cover gears on lathe 1830-685. Box pulley 2057-4580. Dept. E. D. cover gears on bulldozer. Dept. H. cover gears on muffler, roller and guard emery wheels. O. H. put guard on emery wheel. Dept. O. D. C. cover gears on drill press 3799. O. D. A. box lower pulley, machine 5645.

July 5, 1917.

PAGE MOTOR CAR CO.—At once place sign center of fourth floor directing way to fire escape Keep passageway leading to fire escape clear of all obstructions at all times.

September 5, 1917.

PARRISH MFG. CO.—At once guard pulley machine No. 4; cover gear lathe 108; guard gears on emery wheels; guard space between machines 99-17; guard pulley machine 104; cover all gears on Maxwell Press 61.

Digitized by Google

September 11, 1917.

PARKER RUST PROOF CO. OF AMERICA.—At once box all electric switches lower than 6 feet from floor. Cover gears on pipe threading machine.

July 12, 1917.

PARSONS MFG. CO.—At once guard or remove all exposed set screws on shafting. Provide proper guards for all emery wheels.

September 5, 1917.

PASCHKE, AUGUST & SONS.—At once cover gears on planer. Guard lower pulleys on passageways. Box belt on planer.

January 14, 1918.

PELTON & CRANE CO.—At once increase suction in blower system on polishing and buffing system so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to using a column of water not less than five inches high in a U-shaped tube.

January 11, 1918

PELTON HARDWARE CO., THE.—At once provide guard for ripsaw in your factory.

July 9, 1917.

PENINSULAR BRASS WORKS.—At once cover or remove all exposed set screws on shafting. Provide proper wrought iron guards for emery wheels.

February 13, 1918.

PERE MARQUETTE FREIGHT DEPT.—Thoroughly clean walls of women's toilet room.

October 22, 1917.

PETERS, DYERS & CLEANERS.—At once cover gears on washing machine. Place rail guard on dynamo.

September 6, 1917.

PETER SMITH HEATER CO.—At once place guards on all emery wheels. Guard large wheel on punch press 92 B. Box switch on spot welder. Cover gears on big drill press. Cover gears on rolling machine. Install new and more sanitary toilet for factory.

October 25, 1917.

PHOENIX WIRE WORKS.—At once cover gears on all weaving machines on first floor. Have toilets and wash basins cleaned and kept in a sanitary condition at all times.

August 17, 1917.

PITTMAN & DEAN ICE PLANT.—At once build guard on all starting switches.

May 7, 1917.

THE PINGREE CO.—At once remove all exposed set screws on shafting on fifth and seventh floors. Remove obstructions on seventh floor in stairway and place toilets in a sanitary condition on same floor.

August 27, 1917.

PORCELAIN ENAMELING CO.—At once put guard on emery wheels.

March 21, 1917.

POSTAL TELEGRAPH CO.—At once arrange the hours of your female employes to conform to the 54-hour law and procure and keep on file permits for all employes under 16 years of age.

Digitized by Google

May 4, 1917.

PRECISION INSTRUMENT CO.—At once provide and keep guarded emery wheels. Guard coupling on line shaft and drive wheel on printing press.

December 31, 1917.

PROGRESSIVE LAUNDRY CO.—At once shut down steam and repair your upright boiler, also valves that are out of order. Connect your blow off pipes in alley with sewer. Tighten up hanger on main line shaft and keep laundry in a clean and sanitary condition at all times.

June 6, 1917.

PROGRESSIVE WET WASH LAUNDRY.—At once remove all exposed set screws on shafting. Do not permit males in your employ to work on dangerous machinery when such males are under 18 years of age.

May 4, 1917.

RAULET & NICHOLSON.—At once provide guards for gears on 12-inch lathes. Replace square head set screws on counter shaft with safety ones.

September 11, 1917.

REEG, F. L. CO.—At once place women's toilet and dressing room in a sanitary condition and mark toilet, For Women Only.

October 5, 1917.

REGAL MOTOR CAR CO.—Guard all emery wheels, also lathe 53, 5 and 6.

September 6, 1917.

RESTRICK LUMBER CO.—At once provide proper guard for ripsaw.

March 8, 1917.

RIKETT LAUNDRY.—At once discontinue employing female help for a period longer than 10 hours in any one day or longer than 54 hours in any one week.

August 24, 1917.

RICKETTS LAUNDRY.—At once install low water alarm on boiler in place of old one.

August 20, 1917.

ROBERTS TUBE WORKS.—At once discontinue the working of all boys in your employ under 18 years of age upon dangerous machinery

October 11, 1917.

ROBINSON AUTOMATIC MACHINE CO.—At once guard lathe No. 2 and 3 on first floor.

April 9, 1917.

ROBINSON & COHEN.—At once discontinue employing females for a period longer than 10 hours in any one day or longer than 54 hours in any one week.

July 18, 1917.

ROGERS, C. E.—At once provide guards for emery wheels in iron working department.

April 27, 1917.

ROLLER MILL WORKS.—At once guard end gears on lathe.

November 16, 1917.

ROSS & WOOD.—At once place toilet in a sanitary condition.

Digitized by Google

April 10, 1917.

THE ROYAL CONE CO.—At once box in belts and motors on floor of cone making department. Provide separate toilets for the use of both sexes and designate same by printed notices.

July 10, 1917.

RUBY, ALFRED J., INC.—At once properly designate women's toilet.

September 26, 1917.

SAND, J. & SONS.—At once remove all exposed set screws on shafting.

June 8, 1917.

THE SANITARY STEAM FLAT IRON CO.—At once guard belt on motor. Remove exposed set screws on shafting. Cover open gears on machine. Provide proper wrought iron guard for emery wheel.

June 8, 1917.

SAUER BROTHERS.—At once cover all exposed gears on machine.

October 19, 1917.

SCHLIEDER MFG. CO.—At once provide proper wrought iron guards for emery wheel on second floor. Guard lathe on second floor.

September 11, 1917.

SCHWEPPER & WILT MFG. CO.—At once guard all lower belts and pulleys on passageways. Guard wheel on punch press 76.

January 23, 1918.

SCOTT BROTHERS.—At once provide artificial lights for all front stair landings. Repair water pipe for flush for closets etc.

August 6, 1917.

SCOTTEN DILLON TOBACCO CO.—At once repair low water alarm on boiler No. 14.

July 31, 1917.

SCOTT, FRANK G., INC.—At once cover one exposed set screw. Provide hand rails for all stairways. Keep on file working permit for one boy under sixteen years of age.

June 12, 1917.

SEARIGHT-DOWNS.—At once provide safety guards for punch presses.

October 26, 1917.

SERVICE TOOL & MACHINE CO.—At once build closet and wash room in factory for use of men.

August 20, 1917.

SEWELL CUSHION WHEEL CO.—At once box lower belts and pulleys throughout plant. Guard wheel on boring machine. Guard shaft and belt on milling machine. Cover gears and box belt on drills, second floor. Cover gears on rim planer. Cover gears on stretching machine. Adjust safety rods on hand elevator.

February 7, 1918.

SHAPIRO ANTIQUE CO.—At once provide spreader and guard for ripsaw. Provide proper guard for jointer knives in cabinet shop. Guard end of shaft on wood drill, also guard hole in first floor and guard belt carrier. Provide better suction in blower to take away the dust from all dust creating machinery.

Digitized by Google

September 12, 1917.

SCHLAIN, JACOB.—At once place toilet in a sanitary condition. Place elevator gates in safe condition on second floor.

June 4, 1917.

SHULER AXLE MFG. CO.—At once guard all belts and pulleys near floor on drill presses. Provide proper wrought iron guards for emery wheels. Remove exposed set screws and revolving oil cups on counter shafting.

August 15, 1917.

SIBLEY LUMBER CO.—At once box belt and guard lower pulleys on matcher and planer.

May 9, 1917.

SIEVERS & ERDMAN CO.—At once clear way to fire escape in color varnish department on fourth floor and designate way to same by printed notices. Provide ladder from mold room to roof of lower building on east side. Provide one more exit from cutting and sewing room.

September 27, 1917.

SILVER SPRINGS WATER CO.—At once provide hand rail for basement stairs.

June 12, 1917.

SMITH, HUGO N., PICTURE FRAME CO.—At once provide guard for upper and lower wheel of bandsaw, also hand rail for stairway leading to second floor.

February 18, 1918.

SMITH, JOSEPH N.—At once install blower on grinders and buffers on second floor.

October 16, 1917.

SMITH, JOSEPH N. CO.—At once guard all lower belts and pulleys. Put guards on all emery wheels. Cover gears on machines 198-199-200-201-189-92-97. Guard all electric starting boxes lower than six feet from floor. Guard large wheel on first floor No. 56. Cover gears and guard pulleys on No. 148. Guard large wheel 130-115. Guard dynamos 405-40.

July 13, 1917.

SNYDER-BARR SCREW CO.—At once provide proper wrought iron guards for all emery wheels. Remove all exposed set screws on shafting.

May 10, 1917.

SPEAKER HINES PRINTING CO.—At once provide guard for drive wheel on press No. 13 on second floor.

May 2, 1917.

SPRINGFIELD BODY CO.—At once guard all belts and pulleys near floor. Provide guard for ripsaws, also guard emery wheel in saw room. Provide proper guards for jointers.

May 5, 1917.

STANDARD COMPUTING SCALE CO.—At once provide proper suction in blower system in polishing and buffing department, as provided for by Sections 27-28-29 and 30 of State Law governing fans and blowers. Provide shield for motor belt on second floor.

October 16, 1917.

THE STANDARD LAUNDRY CO.—At once guard fly-wheel on engine. Repair low water alarm on boiler. Repair stairs leading to basement, and place basement in a sanitary condition. Keep extractor properly guarded at all times.

Digitized by Google

June 22, 1917.

STANDARD PLATING WORKS.—At once provide toilet for employes of polishing and buffing room, also increase suction of blower system in polishing department to carry off dust and lint from wheels to outside of building, as required by State Law which requires a suction sufficient to raise a column of water five inches high in a U-shaped tube.

August 24, 1917.

STANDARD SCREW PRODUCTS CO.—At once cover electric switches lower than six feet from floor. Cover gears on all automatic machines. Cover gears on Gridley, big automatic No. 8. Guard all aisle pulleys not equipped with arm.

April 17, 1917.

STECKER ELECTRIC CO.—At once provide one or more toilets for the use of female employes in assembling department.

June 1, 1917.

STERLING MOTOR CO.—At once repair elevator gates on the north end of building and keep the same in good working condition at all times.

October 18, 1917.

STERLING & SKINNER.—At once repair blower system on polishing and buffing lathes so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

March 4, 1917.

STERN, MILFORD, OWNER FREE PRESS BLDG.—At once erect fire escape on building occupied by Ackerman & McNamara, Corner DeBois & Franklin Street, same may be built on front or rear of building and according to State specifications.

September 20, 1917.

STEWART-WARNER SPEEDOMETER CORPORATION.—At once provide a proper wrought iron guard for emery wheel.

May 9, 1917.

STOCKER MFG. CO.—At once place toilet in sanitary condition and provide proper light for same.

April 23, 1917.

STROH CASTING CO.—At once provide proper wash room in building now occupied by Stroh Casting Company, and also provide toilets for separate use of male and female employes and designate same.

April 23, 1917.

STROH CASTING CO.—At once place all toilets in sanitary condition and keep same in such condition. Keep guard on jointer in pattern room.

January 26, 1917.

STUDEBAKER CORPORATION.—At once provide exhaust system on lower floor of plant No. 10 to carry off fumes and smoke to outside of building.

August 10, 1917.

STUDEBAKER CORPORATION, PLANT NO. 2.—At once place guard rail across door on second floor, Dept. 13, building No. 2. Guard emery wheels, equipment No. 2179, Dept. 13, second floor, building 2.

October 15, 1917.

THE STUDEBAKER CORPORATION.—At once guard drill press No. 142, Dept. 17. Guard lathe No. 169-249-642-2772 in Dept. No. 4. Guard lathe No. 2626, 466, also drill press No. 776, 2785. Guard Arbor Press No. 712, Department No. 1. Guard

Digitized by Google

lathe No. 1336, 2379, 429. Guard drill press No. 6939 in Dept. No. 2 A. Guard Potter & Johnson No. 2424 and lathe No. 250 and branch 253, Dept. 3. Guard lathe No. 159 in Dept 12. Guard lathe No. 2053 in Dept. 15. Guard drill press No. 454-604-1131, Dept 11. Guard milling machine No. 96, also lathe No. 272 and 2053; drill press No. 1-2365-4648-1202 in Dept. 15.

February 14, 1917.

STURDEVANT-MURRY MFG. CO.—Provide exhaust fan in paint department on first floor to carry off fumes of paint and oils to the outside of building. Regulate the working hours of all males under the age of 18 years and all females in your employ to conform with Section 9 of State Labor Laws. Keep posted near time clock a copy of said law.

July 19, 1917.

SULLIVAN PACKSON CO.—At once provide guards on emery wheels in carpenter and machine shop. Repair automatic gate on elevator, fifth floor, new building, also repair safety gate on elevator, warehouse No. 1. Provide working papers for boys under 16 years of age.

December 31, 1917.

SUMMERFIELD & HECHT.—At once put in proper working condition safety gates on elevator at fourth floor.

December 27, 1917.

SUPERIOR MACHINE & ENGINEERING CO.—Remove or cover exposed set screw on Machine 72, first floor, also lathe No. 60 on second floor. Guard lathe No. 8, second floor and lathe No. 18, second floor, also drill press No. 109 on second floor.

March 6, 1917.

TIETZ, L. & CO.—At once procure and keep on file working permit for fifteen year old girl in your employ at 181 Griswold Street.

May 7, 1917.

THIERY & KENDRICK MFG. CO.—At once provide blower system and hoods for all dry grinding wheels to carry off dust created by same.

April 27, 1917.

THOMPSON, F. A. & CO.—At once put a cap on fan shaft. Cover gears on coating fans. Guard pulley on all passageways. Box all electric switches.

October 9, 1917.

THOMSON, L. A.—At once guard all belts and pulleys operating circular saw in shop.

July 10, 1917.

TIMKEN, DETROIT AXLE CO.—At once provide reversible guards on all emery wheels of cutter machine. Install automatic safety gates on all elevators. Place sign on third floor about center of building directing way to fire escape. Clean toilets and urinals on all floors of factory daily. Rear axle Dept. fourth floor, at once prevent dropping of heavy axles and forgings which tend to loosen hangers, shafting and pulleys on ceiling below. Guard gears on Hill Clark boring machine on second floor, Dept. C. R. Guard gears on Bullard boring machine. Machine L-155, guard belting second floor, Dept. C. R. L. 81, also machine L-146. Attach to air pipe hose connection with blower system on machine F. D. dust conveyer in finished gear department, second floor. Guard gears on Sprocket Machine C-2, Gear Dept. G., second floor. Remove all exposed set screws on line shafting, third floor, tool room. Repair holes in floor, B. P. Dept. second floor, also Dept. C. R. 1. Install hood and blower system on disc to carry off noxious gas, dust, etc., in Dept. S. A., fourth floor, old building. Place lower guard on band saw about six inches in pattern Dept., third floor. Remove main drive motor from floor in south end of building, third floor. Guard gears on treadmiller, machine 135 M. Knuckle Dept. Guard gears on guard in drill press B-204, third floor N. end building. Guard center gears on drill press D. 115. First floor, guard large belts

Digitized by Google

on all passageways in Dept. M. 80. Place guard on gears on lathe No. 5. Build guard around oil tanks, Dept. 31. Guard gears on machine 400 and all lower pulleys on passageways. Second floor guard wheels and belts on duplex drills and all aisle pulleys, G-37. Third floor guard wheels on punch presses 2-3-5 also on Lo-Swing lathe 44-3A. Guard gears and pulleys 607-609-405-407, gears W. 273-41. Guard belt on 142 grinder, fourth floor. Place guards on all lower aisle pulleys and emery wheels. Guard gears on Machine 114, gear cutters, also on gears, lathes 7-8-19 and 3, and Fay lathe. Guard belt and wheel machine 676. Keep all obstructions away from all starting boxes and guard large wheel on No. 800.

November 1, 1917.

TOWAR, WAYNE COUNTY CREAMERY.—At once remove all exposed set screws on shafting. Provide proper wrought iron guards for emery wheels. Guard overhead motor belt. Guard belts and pulleys and sprocket chains on churns, also guard flywheels on air compressor. Guard flywheel on drill press, also belt and pulley on bottle elevator. Guard elevator pit in basement.

August 3, 1917.

TRIANGLE MACHINE CO.—At once remove all exposed set screws on shafting. Provide handrail for stairs from second to third floor.

August 3, 1917.

TRYON CONFECTIONERY.—At once discontinue employing females for a longer period than ten hours per day or fifty-four hours per week.

May 3, 1917.

TURNER-MOORE MFG. CO.—At once repair and place elevator gate in good working order. Guard all belts and pulleys on drill press near floor, also guard bevel gears on small drill press. Remove exposed set screws in counter shaft.

September 18, 1917.

UNITED STATES NOVELTY CO.—At once build guard around dynamo and box all electric starting boxes. Build new guards on emery wheels. Have goggles worn by men on grinders.

November 27, 1917.

UNITED STATES PATTERN & MFG. CO.—At once guard all machinery.

August 29, 1917.

UNITED STATES RADIATOR CO.—At once guard emery wheel and rip saw in boxing department and pulley of power cut-off saw. Guard gears and pulley on boring mill machine, north side machine shop. Guard pulleys on No. 9 C. punch press in blacksmith shop.

June 18, 1917.

UNIVERSAL BUTTON FASTENING & BUTTON CO.—At once provide proper wrought iron guards for all emery wheels. Remove all exposed set screws on shaftings. Guard belt and pulley on small pump, second floor. Guard exposed gears and fly wheel on scrap baler machine, press room.

January 7, 1917.

VAN DAMMET BAKERY.—At once cut hours of girls employed to comply with the State Law which states that a female shall not be employed more than 54 hours per week.

February 27, 1918.

VAUGHN, WILLIAM H., CO.—At once fill in space at all floors around elevator by securely fastening at least a two by four piece or strip of wood. Make all coverings for elevator more secure.

Digitized by Google

August 8, 1917.

VIVIANO MACARONI MFG. CO.—At once guard belt on mixer on first floor. Keep toilets in sanitary condition on first floor. Remove set screws on all shafting.

November 2, 1917.

WABASH RAILWAY COMPANY.—At once provide at least two or three additional toilets for female employes, and about three more for male employes. Provide another door or exit in rear of offices, second floor, leading to freight house, as a means of exit in case of fire.

July 25, 1917.

WADSWORTH MFG. CO.—At once put guard on emery wheels. Keep exits and passageways clear at all times.

October 30, 1917.

WALLICH, CHARLES J., CO.—At once cover gears on sticker machine. Keep obstructions away from all electric starting boxes.

October 17, 1917.

WALLACE, HUGH & CO.—At once guard lathe in carpenter shop.

August 3, 1917.

WALKER & CO.—At once provide proper wash and dressing room, also a sanitary water closet for the use of female employes.

September 5, 1917.

WALKER & FRANK BRICK CO.—At once repair low water alarm on boiler No. 1.

January 11, 1918.

WEBER, J. F.—At once install toilet for female use at 753 Gratiot Ave.

August 7, 1917.

WEBER, J. F.—At once provide proper guards for bandsaws on second floor.

August 3, 1917.

WELDED STEEL BARREL CORPORATION.—At once guard belts and wheel on punch press S. G. 53, also wheel on hoop rolling machine. Guard pulley and belt on Britch Power Shears machine.

October 16, 1917.

WESTERN CUT RATE CARPET CLEANING WORKS.—At once provide toilets separate for males and females.

October 25, 1917.

WESTERN ELECTRIC COMPANY.—At once guard all lower electric standing switches and place guard rail around dynamo on second floor.

July 19, 1917.

THE WHITEHEAD & KALES IRON WORKS.—At once provide guard for emery wheel on grinding machine. Erect iron guard rail around fly wheel on rivet maker machine.

June 11, 1917.

WHITE HOUSE PRESERVING CO.—At once remove obstructions to fire escape and keep access to same clear at all times.

July 11, 1917.

WIDMAN, J. C. & CO.—At once guard overhead large belts in basement not already guarded, also provide proper wrought iron guards for two emery wheels.

Digitized by Google

August 30, 1917.

WILSON, C. R. BODY CO., PLANT 5.—At once guard belts and pulleys on buzz planer in mill room.

October 24, 1917.

WILSON, C. R. BODY CO.—At once provide proper wrought iron guards for emery wheel in Department No. 103. Guard band saw in Department No. 87. Place elevator gates in Department No. 86 in safe condition.

March 28, 1917.

WINKLEY CO.—At once enclose side of stairway leading to timekeepers office, and procure age certificates for females in your employe.

July 17, 1917.

WINKLEY CO.—At once remove all exposed set screws on shafting.

October 8, 1917.

THE WISE ELECTRIC SHERARDIZING CO.—At once provide better suction in the exhaust fan system so it will draw a column of water five inches high in a U-shaped tube to take away the dust from buffing and polishing wheels.

December 28, 1917.

WOLVERINE CREAMERY PRODUCTS CO.—At once provide a sanitary, properly designated toilet for the use of your female employes.

June 22, 1917.

WOLVERINE LEATHER GOODS CO.—At once guard upper wheel on bandsaw. Provide proper wrought iron guard for emery wheel.

July 6, 1917.

WOLVERINE PATTERN WORKS.—At once guard upper and lower wheels of bandsaw.

April 26, 1917.

WOLVERINE PRINTING CO.—At once provide a separate, properly designated toilet for use of your female employes.

August 21, 1917.

WOOD HYDRAULIC HOIST CO.—At once guard all lower belts and pulleys throughout plant. Cover gears on lathes. Put guard on emery wheels.

Dexter. August 28, 1917.

BLANCHARD, H. R., GARAGE.—Within ten days put proper ventilation in both ladies' and gentlemen's toilets.

August 28, 1917.

THE DEXTER MILLING CO.—At once remove all square head set screws and replace with flat flush head set screws. Repair holes in all floors where belts are not running through same. Make hole in second floor smaller where main drive belt goes through.

August 28, 1917.

DREW, A., GENERAL BLACKSMITH.—At once put guard on emery wheel, also place guards on gears on drill. Remove all square head set screws and replace same with flat flush head set screws.

Dowagiac. November 7, 1917

THE BECKWITH CO.—Within fifteen days guard plating room power belt. Box sides of elevator. Equip all elevators at all floors with automatic gates. Place rail around fire pit in core room. Equip lathe in machine shop with gear case.

Digitized by Google

Equip factory with sanitary toilets for men. In printing department put toilet in sanitary condition and install new toilet for female help, and provide dressing room for females separate from toilet.

November 9, 1917.

CASS COUNTY HOME TELEPHONE CO.—At once comply with the fifty-four hour law.

November 8, 1917.

HIDDENS SONS BAIT FACTORY.—At once put all toilets in clean and sanitary condition. Equip elevator with automatic gates at all floors. Provide step at windows to fire escape on second and third floors.

November 7, 1917.

RUDY FURNACE CO.—Within fifteen days equip elevator with automatic gates at ground floor. Install sanitary toilets for men and stalls for each stool.

Durand. November 21, 1917.

GRAND TRUNK RY. CO., REPAIR SHOP.—At once put guards on all exposed gears on two large lathes in machine shop in engine room. Put guard on circular saw, bandsaw, emery wheel and guards on gears on planer.

East Jordan. March 23, 1918.

EAST JORDAN CABINET CO.—At once replace square heads in Whitney double headed surface planer with circular heads; also replace square heads on Porter planer with circular heads.

Eaton Rapids. June 11, 1917.

EATON RAPIDS WOOLEN MILLS.—At once have guard placed on ripsaw in carpenter shop. Provide more toilets for females.

Eau Claire. December 7, 1917.

EAU CLAIRE BASKET CO.—At once guard main drive belt and also large belt to stamp machine and belt to planer.

Ecorse. November 13, 1917.

THE GREAT LAKES ENGINEERING CO.—At once discharge boy under 16 years of age at work in your plant, and do not permit boys under said age to work without a permit.

Edmore. February 4, 1918.

JOHNSON GRAIN CO.—At once guard gasoline engine.

Elsie. August 22, 1917.

THE EKENBERG CO.—At once repair low water alarms. Clean toilet. Guard belt on generator by door to boiler room. Guard elevator.

August 22, 1917.

HANKINS BROTHERS.—At once guard fly wheel on engine in mill. Place handrail on stairs in elevator leading to bean picking room.

Escanaba. April 21, 1917.

ARNTZEN BROTHERS.—At once provide suitable toilets in building owned by you, and now used as a printing office by the Daily Mirror Co.

June 25, 1917.

CHATFIELD MACHINE & FOUNDRY WORKS.—At once arrange material, etc., to make your work rooms more safe and sanitary. Change the hours of labor for boys under 18 years of age to conform with the 54-hour law.

Digitized by Google

April 20, 1917.

ESCANABA DAILY MIRROR.—At once clean floor, wash windows and do such other necessary cleaning to put building in a sanitary condition.

April 9, 1917.

ESCANABA MFG. CO.—At once place railing between doors on vats in vat room so that men employed there will be prevented from falling into vats of boiling water. If it is impossible to operate said vats with railing, remove said vats altogether and provide some other way to treat the timber used in said plant, as the present method is too dangerous to life and limb.

Eureka. August 22, 1917.

EUREKA CHEESE CO.—At once equip boiler with low water alarm.

April 9, 1917.

KIRSTIN, A. J., CO.—Within ten days provide suitable guards on emery wheels in factory operated by your company.

Farmington. September 13, 1917.

DETROIT UNITED RAILWAY CO.—At once install sanitary toilet for use of employes.

September 14, 1917.

DETROIT UNITED RAILWAY.—At once put guards on all gears on lathe. Put outside toilet in good condition and keep clean and disinfected.

September 13, 1917.

FARMINGTON ROLLER MILLS.—At once remove all square head set screws in all collars on shafting. Replace same with flat flush head set screws; put guard on pulleys on last reduction roll at north end of mill.

September 13, 1917.

FORD SERVICE GARAGE.—At once put guard on emery wheels.

September 13, 1917.

MICHIGAN STATE TELEPHONE CO.—At once install sanitary toilet for use of employes as outside toilet is in very bad condition.

September 13, 1917.

WARNER, FRED M., DAIRY CO.—At once remove cases of bottles in front of door leading from wash room to boiler room. Remove old shoes, clothing, and clean up wash room generally. Repair push button so toilet may be flushed at any time.

Fenton. November 27, 1917.

AETNA PORTLAND CEMENT CO.—At once put hand rail along platform of Clinker scales in storage room. Put intermediate rail along railing of mash tanks. Put guards under all belts four inches wide. Enclose all large and small gears. Put guard over two speeders in kiln burning room.

November 26, 1917.

FENTON ELEVATOR CO.—At once remove all square head set screws in all collars on shafting, replace with flat flush head set screws. Put guard under main drive belt. Put guards under two belts four and six inches in width on main floor.

November 27, 1917.

FENTON TAXI CO.—At once clean up back room, remove all rubbish from same and put in sanitary condition.

Digitized by Google

November 26, 1917.

FENTON TOOL & DIE CO.—At once put guards on all exposed gears on all lathes. Remove all square head set screws in all collars on shafting. Replace with flat flush head set screws.

November 26, 1917.

JUDSON MICHIGAN BEAN CO.—At once put guards on all emery wheels. Remove all square head set screws in all collars on shafting. Replace with flat flush head set screws. Put guards on all exposed gears on all lathes in machine shop.

November 27, 1917.

NEW EGYPTIAN PORTLAND CEMENT CO.—At once put guards on gear on mill. Put railing and new plank on west end tube mill drive, also put guard under belt driving same. Put guard hand rail on Agitator drive. Put extra plank and hand rail at main rope drive from engine. Install new ladder with hand rail leading from tube mill past bins to top of clinker bins. Put guards under all belts above four inches.

November 26, 1917.

WALKER MFG. CO.—At once put guards on all exposed gears on all lathes in machine shop and remove all square head set screws in all collars on shafting and replace with flat flush head set screws.

Fennville. September 19, 1917.

BATES, G. O.—At once equip boilers with low water alarms and cover gears for hoist.

September 19, 1917.

WESTERN ALLEGAN TELEPHONE CO.—At once discontinue allowing operators to work more than ten hours in any one day or fifty-four hours in any one week.

Flint. December 11, 1917.

ARMSTRONG SPRING WORKS.—At once put ventilator and hood over all fires and make proper connection of same; install blowers and keep same in operation for carrying away smoke and fumes from fire. Put guards under all belts overhead, four inches in width and wider. Put guards on all exposed gears on all hammers.

December 21, 1917.

BACKOFUS LAUNDRY.—At once remove all square head set screws in all collars on shafting. Replace with flat flush head set screws. Put guards on gear on ironer.

February 7, 1917.

BUICK MOTOR CO.—At once provide hood and blower for core ovens. Guard rail or doors for casting chutes and ventilator in roof of foundry.

August 29, 1917.

BUICK MOTOR CO.—At once install blower system on emery grinding wheels, also disc grinders operating in welding department, factory 17. Provide proper ventilation in all toilets and provide four additional toilets for women in top department, factory 19; also two additional toilets for women in factory No. 20. Properly guard belt and pulley on milling machine, factory No. 6, operated by female Provide proper light for females on inspection of small parts located in basements.

September 17, 1917.

CABLE PIANO CO.—At once provide hand rail for stairs leading to basement, also designate toilet in basement For Women Only.

December 14, 1917.

CHAMPION IGNITION CO.—At once remove girl from emery wheel, Dept. 19. Put guards under all overhead belts in Dept. 21. Put guards on all pulleys and belts

Digitized by Google

on roll threader. Put guard on small pulley and belt on center wire fixture. Put guards around belts of head screw machine and furnish head gear for all female help. Put guards under all overhead belts and around all belts on punch machine, and furnish head gear for all females in punch department. Put guards on emery wheel in Dept 21. Put guard around bevel gears. Place guard on small agitator also large one.

December 17, 1917.

CHEVROLET MOTOR & AXLE PLANT.—At once put guards under belts, plant No. 1, also guard elevator guide belts. Put spring at back of coning press for the purpose of stopping connecting rods without danger to hand.

December 17, 1917.

CHEVROLET MOTOR CAR CO.—At once install proper ventilation in roof of final test room and furnish fans, at least six in number for forcing fumes out of the building. Put guards under all overhead belts four inches wide and wider running from motor to line shafting, and line shafting to counter shafts and from line shaft to line shaft. Put guard entirely around belt and pulleys on clutch collar topping machine operated by women. Put guard on small emery wheel in Dept. 50.

December 17, 1917.

CHEVROLET MOTOR CAR CO.—At once put guard around pulley and belts on machine 53 and 62, same to be at least six feet high from floor. Put guard, hand rail around pulley and belt on air compressor, engine plant 2. Put guard around gear on bow shaping machine, plant 2. Put guards over all circular saws. Raise guard on small band saw to at least three inches above large band wheel in body department, plant 1.

December 12, 1917.

COPEMAN ELECTRIC STOVE CO.—At once put guard under main drive belt from motor to main line shaft. Remove all square head set screws in all collars on shafting, replace with flat flush head set screws. Put guard on small circular saw, also put guards on all emery wheels.

December 17, 1917.

DORT MOTOR CAR CO.—At once put guards under all overhead belts four inches wide and wider. Remove all square head set screws in all collars on shafting, replace with flat flush head set screws.

December 14, 1917.

FLINT FOUNDRY CO.—At once put guards on large gear and pinions on two rattlers, also put railing along in front of rattlers.

July 2, 1917.

GENESEE IRON WORKS.—At once protect all gears on lathes located on west side of building, also protect all gears on large lathe on east side of building next to door leading into blacksmith shop. Cover and protect fly wheel on punch and shears near door entrance of street.

December 10, 1917.

HOME LAUNDRY.—At once remove all square head set screws on all collars on shafting and replace with flat flush head set screws. Put guard under main drive belt. Put guard on large gear at side next to door opening outside leading to engine room.

December 14, 1917.

IMPERIAL WHEEL CO.—At once put guards under all overhead belts running to and from motor to line shafting, line shafting to countershaft, also put guards around pulleys at belts on spoke equalizer.

Digitized by Google

September 4, 1917.

THE MARVEL CARBURETOR CO.—At once install extra toilet along side of two now located at west end of building. Put in two extra toilets on south side of building.

December 11, 1917.

MARVEL CARBURETOR CO.—At once put guards on both emery wheels in tool room. Put guards under belt from motor to line shaft near tool room. Repair toilets on main floor. Put drinking fountain in working order. Designate toilets for each sex. Repair ladies toilet. Place guard on emery wheel in sanding room.

December 20, 1917.

NATIONAL IRON & METAL CO.—At once install sanitary toilet in building at 102 Avon Street occupied as offices and warehouse by National Iron & Metal Co.

December 18, 1917.

PATTERSON, W. A. & CO.—At once place guard over large emery wheel in basement. Put guard under main drive belt from motor to line shaft in machine room in basement. Place guards under long belt from line shaft to counter shaft in alleyway near elevator.

December 20, 1917.

RANDALL LUMBER CO.—At once place guards under overhead belts as follows: Under fan belt, sticker belt, ripsaw belt, sander belt, and under line shaft to counter shaft belt.

December 6, 1917.

SEELEY STEAM DYEING & CLEANING WORKS.—At once put low water alarm on boiler.

December 18, 1917.

STEWART, WILLIAM E. WOOD SPECIALTY FACTORY.—At once unlock all doors leading to outside of building also factory doors and office. Keep same unlocked at all times when men and women are at work in said factory and offices. Put guard on both sides of bandsaw. Put guard on small emery wheel; saw filing room place guard on, and enclose entirely all belts, pulleys and gears on grooving machine.

December 20, 1917.

TROJAN LAUNDRY CO.—At once guard under belt from motor to line shaft in dry cleaning room. Place guards under motor drive belt to shafting in laundry, four in number, also from line shaft to counter shaft in laundry.

December 13, 1917.

WALKER WEISS AXLE CO.—At once put guards under all motor drive belts from motor to line shafting. Place guard on exposed gears on lathes 1106, 1125, 1121, 1102, 1101 and 1403. Put guards on gear on punch press 5303. Put guards on large gear and pinion also under belt driving Bull Dozer No. 6. Put guards on all emery wheels.

December 13, 1917.

WESTERN-MOTT CO.—At once place guard under twelve inch belt from motor of main shaft Department 3, also guard under six-inch belt from line shaft to line shaft, Dept. 3. This includes guards under all motor drive belts.

Fowlerville. November 15, 1917.

TOWAR, WAYNE CO., CREAMERY.—At once install sanitary toilet for use of employes.

Frankenmuth. December 13, 1917.

VEITENGRUBER BROTHERS.—At once guard all band saws and pulleys.

Digitized by Google

Frank Post. October 10, 1917.

COURVILL, JULIUS.—At once guard the set screws on coupling on main shaft and a set screw on the shaft that runs the cut off saw. Have low water alarm repaired.

Freeport. September 7, 1917.

CHEESEBROUGH, THOMAS.—At once put handrails on outside runway. Guard molder, countershaft, jointer and gear on dowell machine.

Gladstone. May 3, 1917.

MARBLE ARMS & MFG. CO.—At once provide suitable guards on ripsaws and bandsaw, also fly wheel on engine and all other belts and pulleys running close to floor in carpenter shop. Regulate the hours of labor for boys under 18 years to comply with the 54-hour law.

Gladwin. March 26, 1918.

FLYNN & WOLOHAN.—At once convert third window from north side on east end of bean picking room into door that same may provide an outside exit; install stairs leading from roof on either north or south side.

March 26, 1918.

MCGEORGE, E. A., & SON.—At once convert one window on west side of bean picking room into door, same to connect with fire escape balcony with stairs leading to ground.

Glenwood. November 6, 1917.

HAMPTON STOCK FARM CO.—At once repair low water alarm.

Gobleville. October 30, 1917.

GOBLEVILLE FARMERS MUTUAL TEL. CO.—At once comply with the fifty-four hour law.

Grand Haven. January 8, 1918.

CHALLENGE REFRIGERATOR CO.—At once guard fly wheel on presses in tin shop. Place gates on elevator at first floor. Guard pulley on countershaft in cutting room.

January 9, 1918.

CHALLENGE MACHINERY CO.—At once equip emery wheels in cleaning room with exhaust system to carry off dust. Guard fly wheel on press in machine room.

January 9, 1917.

EAGLE OTTAWA LEATHER CO.—At once repair gates on elevators and box sides of elevators that are not boxed. Do not allow engineers to cover whistles on low water alarms, and repair low water alarms that are out of order.

January 9, 1918.

KELLER PNEUMATIC TOOL CO.—At once guard all belts and countershafts near floor and all pulleys and exposed belts, especially machines where females work. Provide rest room for females.

January 10, 1918.

VAN SYLEN, PETERS.—At once guard jointer in machine room.

Grand Ledge. June 18, 1917.

CITY STEAM LAUNDRY.—At once provide separate toilets for men and women, and plainly designate same.

Digitized by Google

June 18, 1917.

GILLIES & ALDRICH.—Guard belt to feed grinder.

February 27, 1918.

GRAND LEDGE TEL. CO.—At once cease employing female help longer than 54 hours per week, in compliance with Act 285 of the Public Acts of 1909 as amended, Section 9. Post notice to such effect.

Grand Rapids. April 17, 1917.

ADJUSTABLE TABLE CO.—At once regulate hours of males under eighteen years of age so as not to exceed 54 hours in any one week or more than 10 hours per day. Remove or guard set screws in polishing room; repair pipes of blower system and increase suction of fan. Provide guard on ripsaw and good heavy guards over emery wheels.

June 7, 1917.

ADJUSTABLE TABLE CO.—At once provide open passageway to fire escape on second floor.

September 27, 1917.

ALABASTINE CO.—At once guard all set screws.

October 1, 1917.

AMERICAN CEMENT PLASTER CO.—At once guard all set screws. Repair low water alarm. Guard cog gear on wood fiber machine.

April 23, 1917.

AMERICAN WEATHER STRIP CO.—At once provide guard for side belt and pulley on shears.

May 10, 1917.

BEL-CAR-MO-NUT-BUTTER CO.—At once provide one additional toilet and have one designated for females only.

March 12, 1917.

BLACK & WHITE TAXI CO.—At once discontinue employment of children under sixteen years of age. Arrange hours of women employes to conform with the fifty-four hour law.

May 23, 1917.

BLUE VALLEY CREAMERY CO.—At once enclose sides of elevator, same to be four feet high.

April 12, 1917.

BULLMAN, E. O., CO.—At once equip punch presses with automatic guards or double hand trips.

March 12, 1918.

CAPPEL & DEBORE.—At once discontinue employment of children under sixteen years of age.

April 20, 1917.

CHATTERSON & SON.—At once install sufficient toilets in bean picking room to comply with Section 17, Act 285.

May 4, 1917.

CONNOR FOUNDRY CO.—At once guard or remove exposed set screws; guard tumbler at passageway of rattler room; cover belt in passageway up stairs running from motor to countershaft. Repair toilets and place same in sanitary condition. Guard pulley and belt at entrance to toilets.

April 27, 1917.

FOX TYPEWRITER CO.—At once equip punch presses with automatic guards or double hand trips. Clean up toilets in assembling room and keep in sanitary condition. Provide guards on emery wheels where not equipped.

Digitized by Google

March 31, 1917.

FURNITURE CITY PLATING CO.—At once equip all polishing and buffing wheels with blowers and provide proper hoods for wheels. Have toilet repaired so it can be used.

May 18, 1917.

GRAND RAPIDS BEDDING CO.—At once replace guard rails on carding machines. Have elevator gates run to floor level; provide better ventilation in carding room.

May 14, 1917.

GRAND RAPIDS BRICK CO.—At once replace broken safety collar at conveyor. Guard bevel gears at crusher. Remove or guard all exposed set screws. Guard bevel gears, drive belt and pulley of brick machine. Guard all couplings with exposed bolt ends and heads. Provide guard rail over clay crushers.

April 3, 1917.

GRAND RAPIDS FIBRE CORD CO.—At once provide guards on all spindles of cordage winding machines, also provide cover on floor opening. Guard drive pulley in passageway.

April 5, 1917.

GRAND RAPIDS FIBER FURNITURE CO.—At once guard spindles of cordage winding machine. Repair blower pipes to self-feed ripsaw. Provide blower to drum sander. Guard countershaft of boring machine.

May 22, 1917.

GRAND RAPIDS FURNITURE CO.—At once provide chains on all swing saw weights. Guard belts and pulleys of two planers at passage on first floor. Place low water alarm in working order. Provide slant toe approacher under floors of new elevator. Provide fire escape on south end of new building as per specifications furnished.

September 28, 1917.

GRAND RAPIDS REFRIGERATOR CO.—At once guard two planers in machine room, sticker No. 375, automatic double cut off saw; sander No. 252, belt sander in machine room; small sander No. 279; buzz planer No. 155; square shears; set screws; automatic gate and stop on elevator from enamel plant; conveyor in coating room; overhead belts in basement and machine room.

May 11, 1917.

GRAND RAPIDS SHOW CASE CO.—At once place toilets in good condition; repair water boxes, etc., guard punch presses; cover gears on chain machine; repair hoods on buffing and polishing wheels.

October 16, 1917.

GRAND UNION TEA CO.—At once designate toilet For Women Only.

April 6, 1917.

GREAT WESTERN OIL CO.—At once provide separate toilet for use of females only and have same designated as such.

June 7, 1917.

HAYES-IONIA CO.—At once provide chains on all cut-off saws, counterbalance weights; guard rails to line shaft in basement and box up shaft at passageway. Guard all countershafts and belts.

December 17, 1917.

KINSEY, E. L., SHIRT CO.—At once properly heat floor occupied by you for the manufacture of shirts. Repair window in south end of room that has broken light.

Digitized by Google

April 5, 1917.

KNAPE, JOHN, MACHINE CO.—At once equip all punch presses with automatic guards where operators hands are compelled to come under die.

December 17, 1917.

LEWELLYN BEAN CO.—At once guard all cog gears on giant bean picker. Equip stairs leading to basement with handrail.

March 22, 1918.

LEWELLYN BEAN CO.—At once discontinue the employment of girls under sixteen years of age.

June 13, 1916.

LUCE FURNITURE CO.—At once provide screen guards for wheels of bandsaws. Provide warning chains on bottom of elevator car.

January 4, 1918.

LUCE FURNITURE CO.—At once install ventilation system in carving room. Clean toilet and put same in sanitary condition.

March 28, 1917.

MOONEY SHIRT CO.—At once prevent males to use toilets for females and have said toilets designated for Females Only.

April 3, 1917.

NEW ERA SPRING & SPECIALTY CO.—At once see that all elevator gates work properly or install new gates or covers. Guard gears on rolling machine.

January 12, 1917.

PAINE, C. S., & CO.—At once place toilet in finishing room in sanitary condition and have it kept so.

April 7, 1917.

PIPER, CLAUDE G.—At once cover up opening over slide leading to ice crusher on platform in rear. Provide toilet for females only.

June 20, 1917.

POOLMAN FURNITURE CO.—At once provide guard for top wheel of bandsaw. Keep all passageways to fire escape clear of all obstructions. Repair low water alarm, put same in good working order.

October 18, 1917.

PUTNAM CANDY CO.—At once discontinue the employment of boys under eighteen years of age on mixer.

June 12, 1917.

REX ROBINSON FURNITURE CO.—At once install blower system; have all dust creating machines attached thereto.

November 8, 1917.

RINDGE-KALMBACK LOGIE & CO.—At once arrange hours of boy under eighteen years of age to conform to fifty-four hour law.

May 8, 1917.

SNYDER FURNITURE CO.—At once provide guard for main drive belt on self feed ripsaw, and side belts on Columbia sander at passageway. Keep exits to fire escape clear of all obstructions.

April 4, 1917.

SPECIAL FURNITURE CO.—At once provide new cable for elevator. Guard pulleys and connect sand belt with blower. Place toilet on first floor in sanitary condition.

Digitized by Google

April 26, 1917.

TANNEWITZ CO., THE.—At once equip punch presses with automatic guards or double hand trips.

December 18, 1917.

THOMAS CANNING CO.—At once repair ventilating system to take steam and gas out of packing room.

May 16, 1917.

TRADESMAN, THE.—At once equip linotype machine with ventilator pipes so the fumes will be conveyed to outside of building. Provide proper receptacle under overhead belt in basement above folding table to prevent oil from dropping on persons working.

April 13, 1917.

TUCKER BINDERY.—At once provide guard for belt and pulley on stitching machine also belts and pulleys on cutting machine and dynamo.

October 1, 1917.

UNITED STATES GYPSUM CO.—At once guard all set screws.

November 8, 1917.

VOIGHT MILLING CO.—At once repair low water alarm at Crescent Mill. Guard all exposed cog gears, also all rolls and set screws.

May 1, 1917.

WEATHERLY CO., THE.—At once have freight elevator repaired and put in safe working order.

April 17, 1917.

WEINER CAP CO.—At once equip sewing machines with proper skirt guards.

Greenville. June 12, 1917.

TOWER MOTOR TRUCK CO.—At once provide proper guard over knives on buzz planer, also provide guard over ripsaw and emery wheels.

June 18, 1917.

MICHIGAN GARMENT CO.—At once provide fire escape on building occupied by the Michigan Garment Company, said fire escape to be built according to State specifications.

Hamilton. September 18, 1917.

BRINK, JOHN. At once box in countershaft on floor of mill.

Hamtramck. October 8, 1917.

ACME WHITE LEAD & COLOR WORKS.—At once cover gear on conveyor. Guard lower wheel on separator. Guard all belts and pulleys on passageways. Place rail guard on dynamo No. 8. Box all lower switches.

September 19, 1917.

AMERICAN RADIATOR CO.—At once guard all lower belts and pulleys on passageways. Install gate at elevator entrance.

September 12, 1917.

BAKER, R. D., CO.—At once cover all stripped gears. Box lower pulleys.

March 30, 1917.

BRIGGS MFG. CO.—At once provide proper blower system to take away dust from all dust creating machinery in wood working shop. Guard belts and pulleys on wood shaper, also provide ventilation and better light for said department.

Digitized by Google

September 12, 1917.

BRIGGS MFG. CO.—At once place signs on third and fourth floor where women are employed directing way to fire escape. Box all electric switches lower than 6 feet. Clear passageway to wire door in cutting room, third floor.

September 11, 1917.

DETROIT TIRE CARRIER CO.—At once guard wheels on all consolidated punch presses.

April 20, 1917.

HAMTRAMCK LIGHT CO.—At once keep on file in your office working permits for all children under sixteen years of age.

September 27, 1917.

JEFFERY-DEWITT COMPANY.—At once cover gears on lathe 119; box dynamo and belts under work benches.

September 21, 1917.

MICHIGAN SMELTING & REFINING CO.—At once guard all electric starting switches lower than 6 feet from floor. Install a large section fan in aluminum foundry to take off gases.

September 12, 1917.

MICHIGAN STEEL TUBE PRODUCTS CO.—At once cover gears on rolling machines. Box electric switches. Guard all emery wheels and lower pulleys.

September 19, 1917.

RUSSELL GEAR CO.—At once guard all emery wheels and lower pulleys. Cover gears on machine No. 4.

September 19, 1917.

RUSSELL WHEEL & FOUNDRY CO.—At once guard wheel on side planer; cover gear on wheel lathe; keep guards on emery wheels; cover gears and electric starter on New Haven machine; place guards five feet high on wheel on passageway in Power House; cover gear punch press No. 34; guard and keep obstructions away from all electric starting switches. Cover gears on milling machines; place rail guard around all floor dynamos; guard large wheel and cover gears on cutter No. 1; cover all gears on Cleveland Punch presses.

Hancock. September 13, 1917.

LINDQUIST, HENRY.—At once clean your bake rooms and all storerooms connected with bakery and put them in a sanitary condition.

September 14, 1917.

SAKARI, HENRY, MEAT MARKET.—At once install a separate toilet for females and keep same in a sanitary condition at all times.

Hart. May 25, 1917.

HART AUTO CO.—At once discontinue the employment of boys under 18 years of age more than fifty-four hours per week. Have door changed on toilet so as to open from the office and designate same for ladies.

Hartford. October 23, 1917.

GIFFORD, GUY.—At once equip boiler used in your factory with low water alarm.

October 16, 1917.

PERRY, A. J. & CO.—At once equip elevator with automatic gate or trap.

Hastings. August 30, 1917.

GRAND RAPIDS BOOKCASE & CHAIR CO.—At once repair steps in cutting room; clean toilets. Guard jointer in west end cabinet room.

Digitized by Google

January 10, 1918.

GRAND RAPIDS BOOKCASE & CHAIR CO.—At once guard all rip, mitre and jig saws; provide automatic gates at all elevator openings; also provide proper suction on turning machines; connect up all sanding machines on second floor with blower system.

August 29, 1917.

HASTINGS BANNER.—At once guard fly wheel of job press; also pulley and motor of middle job press.

August 28, 1917.

HASTINGS TABLE CO.—At once equip all jointers with guards; also pulley and belt on sticker; have men use guards on shapers.

Hawks. October 30, 1917.

SILLKE, ALBERT, WOODEN BOWLS.—At once install low water alarm on boiler; guard all set screws on shafts and all machinery.

Hermansville. January 23, 1918.

WISCONSIN LAND & LUMBER CO.—At once box large belts on planers. Cover gears on ripsaw; equip boiler in pumping station with low water alarm.

Highland Park. September 6, 1917.

DETROIT UNITED RAILWAYS.—At once guard upper wheels on bandsaws Nos. 4-7; also lower wheel on bandsaw in tinsmith Department; hand rails for lower stairs leading to tinsmith shop, also provide wrought iron guard for emery wheel in tool room.

February 8, 1918.

DETROIT UNITED RAILWAY.—At once guard all exposed gears on lathe No. 6. Guard belt and pulley on No. 2 ripsaw. Provide proper guards for all jointer knives machines.

February 28, 1917.

HIGHLAND PARK TIMES.—At once equip metal pot on linotype machine and also individual melting pot with proper hoods and pipes leading to the outside of building to take away noxious gases and fumes from same. Provide proper guard for small circular saw.

October 31, 1917.

MAXWELL MOTOR CAR CO.—At once guard drill presses No. 466-526-166-1365-3822-1117-312-582-501-274. Also guard lathes No. 271-314-338. Remove exposed set screws on lathe No. 254 in machine shop; guard bolt cutter No. 273 in pipe shop. Place toilets in a sanitary condition in machine shop on first floor.

February 9, 1917.

MORTON, R. M.—At once provide separate toilets for the use of both sexes employed in building owned by you at 60 Manchester Avenue.

Hillsdale. January 2, 1918.

ALCO FOUNDRY & MACHINE CO.—At once put steel guards on emery wheel and cover gears on lathes.

January 5, 1918.

ROWE, FRED, PHOTOGRAPHER.—At once discontinue employing female help for a longer period than fifty-four hours per week, in compliance with Section 9 of Act 285 of the Public Acts of 1909.

Harrisville. November 5, 1917.

HARRISVILLE MILLING CO.—At once erect an outside fire escape on west side of building and provide sufficient toilets for women employed in bean room.

Digitized by Google

Holland. December 21, 1917.

BUSS MACHINE WORKS.—At once box both sides of elevator and equip elevator with gate at ground floor. Change box for tension weight on gear cutter to side of building. Guard belts and pulleys near or on floor.

December 19, 1917.

CAPPON & BESTCH LEATHER CO.—At once enclose elevator in basement and equip with automatic gates. Guard all overhead belts over four inches wide that move fast. Guard pulleys and belts in extract room.

December 19, 1917.

CAPPON & BESTCH LEATHER CO.—At once guard overhead belts and pulleys that are near floor.

December 19, 1917.

HOLLAND ANILINE CO.—At once provide rubber mat in front of switchboard in engine room; place railing west side of engine also around side of air compressor. Guard motor drive pulley and belt in No. 2 building.

December 21, 1917.

HOLLAND DRY CLEANERS.—At once equip extractor with cover.

December 27, 1917.

HOLLAND FURNACE CO.—At once guard jointer in pattern room; equip elevator with gate at ground floor. Guard fly wheels on air presses in sheet metal room.

December 17, 1917.

HOLLAND FURNITURE CO.—At once guard all overhead drive belts more than four inches wide; change gates to elevators to work automatically.

December 27, 1917.

HOLLAND LADDER & MFG. CO.—At once guard saws and punch press.

December 17, 1917.

OTTAWA FURNITURE CO.—At once guard 24-inch jointer on second floor, building No. 1. Equip elevator with automatic gate in basement.

December 17, 1917.

SCOTT-LUGURS LUMBER CO.—At once guard jointer in machine room, first floor, and large belt in basement.

December 21, 1917.

WEST MICHIGAN FURNITURE CO.—At once guard all jointers not already guarded. Provide gates for elevator in No. 3 building. Guard overhead belts in cutting room that are over 4 inches wide. Install sanitary toilet in No. 3 building and clean toilets in No. 1 building.

Holly. November 1, 1917.

MICHIGAN TRUCK & LUMBER CO.—At once guard all circular saws. Place guards under all overhead belts four inches wide and wider. Guard small emery wheel in truck department, second floor. Put brace under stairs leading to truck department, also protect side of stairs to keep any person from getting foot between sidewall and stairs.

Homer. November 19, 1917.

HOMER FURNACE CO.—At once put dust collectors on emery wheels used for grinding castings.

Digitized by Google

Honor. December 1, 1917.

HONOR PRODUCE CO.—At once guard both fly wheels on gasoline engine, also main belt on main shaft. Put railing on stairway.

Hopkins. October 2, 1917.

LEWIS, BERT, CEMENT BLOCKS.—At once equip boiler with low water alarm.

Houghton. September 4, 1917.

MICHIGAN SMELTING CO.—At once place railing around main drive belt on bandsaw in carpenter shop; also place frame to protect bandsaw.

Howell. November 13, 1917.

HOWELL ELECTRIC MOTOR CO.—At once guard gears on horizontal boring machine. Remove all square head set screws and replace with flat flush head set screws. Install at least one more sanitary toilet. Install wash room at least twelve feet long.

November 14, 1917.

JEWETT, CHARLES G., PLUMBER.—At once install a sanitary toilet in building at 110 South Division Street occupied by you and owned by Hugh A. McPherson.

November 13, 1917.

SPENCER-SMITH MACHINE CO.—At once remove all square head set screws on all collars on shafting and replace same with flat flush head set screws. Put stool in working condition and install another stool, also wash basin, as one basin cannot accommodate the men employed. Put guards under double spindles, J. & L. belt. Put guard under belt from motor to line shaft in new part of building.

Ionia. July 31, 1917.

THE BARRETT CIGAR CO.—At once have girl under sixteen years of age in your employ procure permit.

August 2, 1917.

CITY STEAM LAUNDRY.—At once repair low water alarm.

August 7, 1917.

COBB & BOWERMAN.—At once clean toilet and put same in good condition and mark same designating sex.

July 31, 1917.

HALE, J. & SONS.—At once place railing on north and east side of upper landing of stairs on first floor of flour mill.

August 1, 1917.

HAYES-IONIA CO.—At once guard pulley on Linderman; place overhead guard on saw No. 243; place guard on jointer in sample room; also on overhead belt, Dept. 13; guard overhead belt in runway between Dept. 10 and 14. Guard overhead main drive belt.

January 19, 1917.

IONIA FLOOR BOARD CO.—At once provide wrought iron guards on all emery wheels. Provide guard and spreader for rip saw; provide guard on all circular saws; provide guards around all jack shaftings and pulley near floor; provide guard on shaper heads, also cut-off saws. Do not allow any boy under 18 years of age to work on any dangerous machinery; do not permit him to work over 10 hours in any one day or over 54 hours per week.

August 2, 1917.

IONIA FLOOR BOARD CO.—At once place guard on jointer, and place guard on overhead drive belts.

Digitized by Google

August 1, 1917.

IONIA POTTERY CO.—At once repair low water alarm.

August 3, 1917.

IONIA SENTINEL.—At once clean toilets and keep them in sanitary condition.

August 3, 1917.

THE IONIA STANDARD.—At once clean and ventilate toilet.

August 1, 1917.

SOROSIS GARMENT CO.—Within thirty days clean toilet and make sanitary, or replace old bowls with new ones.

August2, 1917.

STAFFORD MANUFACTURING CO.—Within thirty days place guard on drive belt in machine room; guard pulleys of stickers on kack shaft; within five days repair low water alarm; provide adequate and sanitary toilets for females.

August 2, 1917.

YPSILANTI REED FURNITURE CO.—At once repair low water alarm.

Ironwood. November 28, 1917.

THE BUSS CREAMERY CO.—At once repair platform on elevator and put it in a safe condition. Repair belt on ice grinder and keep in safe condition.

Iron River. December 29, 1917.

CITY LAUNDRY.—Within thirty days repair and place in sanitary condition the toilet on first floor, same to be heated and lighted and keep sanitary at all times for use of females only.

January 3, 1918.

FRIEND & PETERSON, MEAT MARKET.—At once install toilet for the use of female employed, same to be heated, lighted and ventilated, and kept in a good sanitary condition. Place toilet in basement used by males in a clean and sanitary condition.

January 2, 1918.

HANSON & BOID.—At once repair toilet and put same in a good sanitary condition, also install a light in same.

Iron Mountain. January 7, 1918.

HOSKING, WALTER P.—Within thirty days repair and calcimine ceiling and walls of building on Ludington Street occupied by you as a printing office and owned by Ella Anderson. Put said building in a sanitary condition.

Ironwood. November 28, 1917.

LIEBERMAN, THEO. TAILOR.—At once install toilet in building owned by Thomas O'Donnell and occupied by you as tailor shop.

November 30, 1917.

NORTHERN BAKING INDUSTRY.—At once install a toilet in building owned by Martin Stepps and occupied by you for use of female employes, same to be installed in a convenient place, properly lighted and ventilated and kept sanitary at all times.

Ishpeming. June 16, 1917.

ALTSCHWAGER, J. C.—At once provide suitable guard on ripsaw, also guard bandsaw and open gear on drill press.

Digitized by Google

Ithaca. May 17, 1917.

REEVES, LESLIE D.—At once provide guard over knives on buzz planer, also provide guard over rip saw.

Jackson. July 28, 1917.

AMERICAN LAUNDRY.—At once place guards around belts on shirt press and body iron, also on gear on shirt press.

February 18, 1918.

CARTER, G. M.—At once erect an iron fire escape on building on west Cortland Street now occupied by the Citizens Telephone Company, same to be at third window on west side of building.

August 22, 1917.

COTTON & ZEIGLER.—At once put steel guards on emery wheels and guard belt on drill press.

August 22, 1917.

COOPER STREET GARAGE.—Within twenty days place steel guards on emery wheel; cover gears on lathe and guard belt on drill press.

July 12, 1917.

EBERLE BREWING CO.—Within thirty days replace set screws in collars on shafts on first and third floor so they will be below surface of collar.

July 28, 1917.

FLEMING ICE CREAM CO.—Within twenty days put rail on stairs leading from first to second floor.

August 1, 1917.

FOX MACHINE CO.—Within thirty days put guard on shaper and blower pipe on planer. Guard belts on all five planers and two boring machines and all other machines that need them in machine shop. Guard belts in pattern shop.

January 16, 1918.

THE CORNWELL COMPANY.—At once install separate toilet for women.

June 12, 1917.

GENERAL MACHINE & TOOL CO.—At once remove square head set screws on shafting and replace with flat flush head set screws. Guard emery wheel and drill press; cover gears on lathes.

July 19, 1917.

HAYES WHEEL CO.—Within twenty days put guard on emery wheel in plant No. 2, also on emery wheel in plant No. 3; guard belt in mitre department.

August 15, 1917.

JACKSON MACHINE TOOL CO.—Within thirty days guard wood shaper and belts on saws and shaper; also guard bandsaw and belt on same; guard rip saw.

July 17, 1917.

LOCKWOOD ASH CO.—At once guard belts in test room; cover gears on lathes 39-34. Guard belt on machine No. 44; guard emery wheel No. 27.

June 12, 1917.

MAINE TOOL & MACHINE CO.—Within ten days put guards on emery wheels; place cover on gears on lathe and remove protuding set screws on shafting.

Digitized by Google

July 18, 1917.

PERLMAN RIM CO.—Within thirty days guard belts on scraper machines; guard belts on rolls, plant No. 2; guard belts on rolls, plant No. 3; guard emery wheel plant No. 3.

July 12, 1917.

RIVERSIDE MACHINE CO.—Within ten days guard emery wheels and replace square head set screws on shafting with flat flush head set screws.

January 19, 1917.

TIMBERLAKE & SONS.—At once repair blower system on polishing, buffing and emery grinding wheels so it will produce a velocity of air in suction pipes of at least nine thousand feet per minute, or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

August 15, 1917.

WEST END LAUNDRY.—At once put wire screen guard around belt on collar machine.

August 9, 1917.

WHITE FROST REFRIGERATOR CO.—At once put guard on saw in crating room.

Kalamazoo. December 5, 1917.

BRYANT PAPER CO.—At once provide a sufficient number of proper water closets, earth closets or privies for the reasonable use of male persons employed; at least one of such closets for each twenty-five persons.

November 13, 1917.

CLARAGE FAN CO.—At once install blower system on emery grinding wheels, suction to produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube. Emery wheels used only on tool grinding excepted.

December 12, 1917.

D'ARCY SPRING CO.—At once repair automatic gates on elevator openings so as to open and close by the action of the elevator, either ascending or descending.

November 9, 1917.

GENERAL GAS LIGHT CO.—At once increase suction in blower system on polishing and buffing wheels so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

December 17, 1917.

HANSELMAN CANDY CO.—At once place light in women's toilet on second floor and put it in a more sanitary condition.

December 12, 1917.

HENDERSON-AMES CO.—At once place lights in women's toilets and keep them burning. Properly screen wash rooms for female employes which is used for a dressing room. Provide proper dressing rooms for females.

November 7, 1917.

IHLING BROTHERS EVERARD CO.—At once provide proper ventilation and light in all toilets; install one additional toilet for females on third floor; properly partition male and female toilets so that entrances will be separate and distinct. Provide proper wash and dressing rooms, all in compliance with Act 285 of the Public Acts of 1909.

Digitized by Google

December 12, 1917.

IHLING BROTHERS EVERARD CO.—At once provide proper wash and dressing rooms for females, which are screened, lighted and well ventilated. Provide a sufficient number of sanitary toilets to allow one for every 25 girls in accordance with Section 17 of the State Labor Laws.

November 26, 1917.

KALAMAZOO CARTON CO.—At once properly guard belts and pulleys on cutting machines. Provide proper wash and dressing room for females.

December 14, 1917.

KALAMAZOO CORSET CO.—Within thirty days provide a separate wash room for female employes.

January 19, 1917.

KALAMAZOO LAUNDRY CO.—At once erect and place in position fire escape, same being on premises for some time.

December 14, 1917.

KALAMAZOO LAUNDRY CO.—At once place in sanitary condition all women's toilets and designate them for women only. Place a light in toilet off of office and repair toilet on first floor in factory.

December 18, 1917.

KALAMAZOO LOOSE LEAF BINDER CO.—At once discharge boy under 16 years of age working without a permit. Do not employ anyone under the age of 16 years without placing on file a permit. Provide proper wash and dressing room for girls employed on fourth floor.

November 8, 1917.

KALAMAZOO PANT CO.—At once install at least one additional toilet for females employed on sixth floor; remove all obstructions leading to fire escape exits. Provide proper stairways leading from floors to fire escape balconies, risers not over eighteen inches.

November 14, 1917.

KALAMAZOO PLATING WORKS.—At once increase suction in blower system on polishing and buffing wheels so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

November 6, 1917.

KALAMAZOO SHOE MFG. CO.—At once provide proper light in toilets.

November 21, 1917.

KALAMAZOO SPRING & AXLE CO.—At once install blower system on emery grinding and polishing wheels which will produce a suction of at least nine thousand feet per minute, or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

December 6, 1917.

LIMOUSINE TOP CO.—At once guard belts and pulleys on machines in wood working department. Provide automatic gates on elevator openings.

November 23, 1917.

LO-VIS COMPANY.—At once install blower system on all polishing, buffing and emery grinding wheels and all other wheels rolled or coated with emery. Suction main must produce a suction of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

Digitized by Google

November 14, 1917.

MERCHANTS PUBLISHING CO.—At once provide proper light in all toilets.

December 12, 1917.

MERCHANTS PUBLISHING CO.—At once place in more sanitary condition toilet for females on second and third floors. Designate all women's toilets for use of women only.

December 13, 1917.

THE MIRROR PRINTING CO.—At once provide proper ventilation in toilet, also provide proper wash and dressing room for female employes.

December 12, 1917.

MONARCH PAPER CO.—At once provide a sufficient number of separate and distinct toilets for the use of male and female employes, and plainly so designate same. Provide light in all toilets. Install proper wash and dressing rooms; guard belt and pulley on paper carrier.

December 6, 1917.

REED FOUNDRY & MACHINE CO.—At once guard all belts and pulleys on emery grinding lathes, also guard belt and pulley on sand mixer. Provide proper ventilation over core oven. Install blower system on emery grinding wheels in compliance with Section 26-27-28-29-30 and 31 of Act 285, Public Acts of 1909.

December 15, 1917.

RICHARDSON GARMENT CO.—At once provide sufficient number of toilets for female employes, allowing one for every 25 girls, according to Section 17 of the Labor Laws. Designate toilets for the use of women only.

November 27, 1917.

RIVERVIEW COATED PAPER CO.—At once provide at least one additional toilet, also proper wash and dressing rooms for female employes. Install bubble fountains for drinking purposes or furnish individual drinking cups.

December 5, 1917.

THERMOPHORE MFG. CO.—At once provide proper hand rail on stairway.

Kaleva. February 15, 1918.

KALEVA ROLLER MILLS.—At once guard opening in floor through rope drive operation. Put guard at north side of double roll machine where belts run through opening in floor. Place handrail on stairway leading from mill to fire hole in engine room.

Kent City. October 11, 1917.

KENT CITY CHEESE CO.—At once repair low water alarm.

October 12, 1917.

MICHIGAN STATE TELEPHONE CO.—At once arrange working hours of girls to comply with the 54-hour law.

Kingston. September 5, 1917.

KINGSTON BUTTER CO.—Within thirty days install low water alarm.

September 5, 1917.

KINGSTON GRAIN CO.—Within thirty days repair stairway and erect fire escape to bean room.

Digitized by Google

Lacota. October 25, 1917.

LACOTA CIDER VINEGAR & PICKLE CO.—At once equip boiler in your factory with low water alarm.

Lakeland. November 8, 1917.

LAKELAND MOTOR WORKS.—At once put guard on band saw; second floor also guard gear on lathe, first floor.

Lake Odessa. August 29, 1917.

KART, GEORGE E.—At once guard pulleys on south end of rolls.

Lake View. February 13, 1917.

BALE, JOHN J.—At once guard bandsaw.

Lansing. April 27, 1917.

ATLAS DROP FORGE CO.—At once provide hoods over pickling tanks, also ventilators for same. Repair whistle on water column on boiler No. 3. Provide safety hook for electric crane. Guard belts and pulleys on machine No. 119. Guard pulley and drive belt on all drive belts on all drop hammers.

March 12, 1916.

AUTO BODY CO.—At once guard planer No. 87; guard upper wheels of band saw Nos. 37048-36851-36446. Guard machines No. 115-179-16796-115570-117560-115179-115589-115587-19-109087. Guard shapers No. 18-108-107-98-14-15-101-102-103. Guard drive belt and jack shaftings on machines No. 60-72. Do not permit any boy under 18 years of age to work over 10 hours in any one day or 54 hours per week

March 15, 1917.

AUTO WHEEL CO.—At once provide blower system on all sand belts. Repair elevator gates and put in working order. Put toilets in sanitary condition.

July 14, 1917.

AVENUE GARAGE.—Within twenty days equip elevator with automatic gates or doors.

April 27, 1917.

BATES & EDMONDS MOTOR CO.—At once remove all exposed set screws in jack shafting and replace with blind set screws. Provide blower system for emery wheels with suction of at least five inches. Guard gears on machines Nos.2-26. Provide guard under motor drive belts. Guard bevel gears on machine No. 43. Guard all exposed end gears. Remove set screws in collar machine No. 54735. Do not allow boys under 18 years of age to work over 10 hours in any one day or over 54 hours in any one week.

July 7, 1917.

CAPITAL BAKING CO.—At once have boy and girl in your employ procure and keep on file working permits.

January 29, 1917.

COLE, WILLIAM.—At once repair and overhaul all cables and replace all worn out cables with new ones. Repair and overhaul safety clutch. Provide automatic gates on elevator to open and close by action of elevator. Elevator is not to be used until it is placed in a safe condition as recommended by this department.

July 12, 1917.

GAS OFFICE BUILDING.—At once rebuild or put iron stairs on rear of building leading to second floor and repair toilet, and keep same clean and sanitary. Hang doors to swing outward.

Digitized by Google

March 13, 1917.

GIER PRESSED STEEL CO.—At once guard end gears on machines No. E514-E515. Guard emery wheel No. E518. Guard balance wheel on machines No. C363-18-19. Guard balance wheel and pulleys on machines No. C334-C331-C367-C360-C362-C368-C366-C365-C361-C364-C369-C338-C337-C336-C340-17-C313. Remove all exposed set screws in jack shafting and replace with blind set screws. Provide guard on rip saw No. 24. Guard balance wheels and pulley on machine No. 200 to 230 in women's department.

April 5, 1917.

GIER PRESSED STEEL CO.—At once discontinue the use of all female operators on punch press work under the age of 21 years. Report to this department all accidents that occur in your plant.

May 1, 1917.

GIFFORD ENGINE CO.—At once provide guard on all balance wheels of all punch presses and sheet metal gears. Provide wrought iron guard on all emery wheels.

July 27, 1917.

GODFREY PATTERN WORKS.—At once equip boiler with low water alarm.

January 21, 1918.

LANSING CHEMICAL CO.—At once guard belts in east end of ground floor, including two drive belts, one belt under outside door. Guard all floor openings on second floor of factory.

February 6, 1918.

LANSING CHEMICAL CO.—At once install blower system on pit crocks in cooking room which will produce a sufficient suction to carry off acid fumes directly to outside of building.

April 26, 1917.

LANSING COMPANY.—At once in foundry provide ventilators in roof to carry away gases and smoke, and other noxious odors that may arise; provide sanitary drinking fountain; provide hot water for washing purposes; provide railing in front of rattler; provide a reasonable supply of lime water, sweet oil and vaseline, absorbent cotton for use of working men in case of accident. In blacksmith shop provide belt shifter on emery wheel; provide suction of at least five inches on blower system; also provide hood to carry away dust on emery wheel. Provide belt shifter on all drill presses; tighten up all jack shafting and main shafting; keep all passageways and aisles clear of all obstructions; repair all holes in floor and place in first class condition. In engine room guard balance wheel with a railing around the Ingersol and Rand machine. In wood shop, second floor, provide suction of at least five inches on all blower systems; guard rip saw No. 4, provide sanitary drinking fountains; guard shaper heads, also bevel gears on gang drill. First floor provide blind set screws on chucks of gang drill; guard circular saw; provide suction of at least five inches on blower system; guard jack shafting on floor of gang drill; keep passageways and aisles clear; provide warning signals on all electric trucks used about the factory. In machine shop, guard all end gears on lathes; repair south elevator gate; provide guard for sheet metal shears; guard gears on machine No. 350; provide blind set screws on drill press No. 770, remove all exposed set screws on jack shafting and equip with blind set screws. Place toilet room in sanitary condition and provide better ventilation.

May 3, 1917.

LANSING FOUNDRY CO.—At once provide blower system with suction of five inches on all emery wheels. Provide guard and spreader on rip saw. Provide railing in front of all rattlers; provide toilets, one for every twenty-five persons employed.

Digitized by Google

January 22, 1918.

LANSING FUEL & GAS CO.—At once clean toilets and locker rooms and baths. Repair all elevator gates. Do not allow elevator gates to be fastened up. Put rubber mat in front of switch board. Extend partition in room where men have lockers to ceiling to cut off odor of toilets from lockers. Industrial track to boiler room is to be changed so it will not run through east end of retort house.

July 16, 1917.

LONGSTREET LUMBER CO.—At once guard rip saws.

July 16, 1917.

MICHIGAN CRANK SHAFT CO.—At once guard under drive belt west end of grinding room.

April 26, 1917.

NATIONAL COIL CO.—At once provide better ventilation in insulating room. Guard all end gears on all lathes. Provide suction of at least five inches on blower system in plating room; also better ventilation. Guard balance wheels on machine No. 126 and press No. 20. Remove all exposed set screws on jack shafting and replace with blind set screws. Provide railing around belts and pulleys on machines No. 120-1344. Provide suction of at least five inches on blower on disc grinder.

March 16, 1917.

NEW-WAY MOTOR CO.—At once provide better ventilation in inside test room. Remove all exposed set screws in jack shafting and replace with blind set screws. Guard end gears on lathe No. 14. Repair whistles on water column. Do not allow boys under 18 years of age to work over 10 hours in any one day, nor over 54 hours in any one week.

February 6, 1918.

NEW-WAY MOTOR CO.—At once re-construct suction system on gas engine block test so it will carry off excessive gas fumes directly to outside of building.

April 23, 1917.

NORTHRUP-ROBERTSON & CARRIER.—At once provide hand railing on all stairways not equipped with same. Guard bevel gears on mixer in baking powder room.

March 15, 1917.

NOVO ENGINE CO.—At once provide better ventilation in core room. Provide hand railings around all tumblers. Provide suction of at least five inches on all blower systems. Remove all exposed set screws in jack shafting and replace with blind set screws. Guard all end gears on all lathes. Guard bevel gears on Cincinnati and Baker Brothers drill presses, also double hand trips on punch press. Provide better ventilation in inside test to carry away gases. Wash windows in machine shop to provide better light. Provide better sanitary condition in toilets in machine shops. Do not allow boy under 18 years of age to work over 54 hours per week.

April 19, 1917.

OLDS MOTOR WORKS.—At once provide better suction on fan used on air brush on northeast corner of third floor; keep all passageways and aisles clear of all obstructions; provide safety hooks on block and tackle used for handling bodies on second and third floor; provide guard around all back shafting and belts near floor in bow department; provide wrought iron guards on emery wheel in frame department; guard all jack shafting near floor in wheel department; guard exposed bolt used for fastening wheel in chuck in varnish wheel department; repair elevator gate to open and close with action of elevator, located in south end of basement; guard gears DS-27; remove exposed set screws on jack shafting and replace with blind set screws; provide suction of at least five inches on all polishing and grinding wheels in grinding and buffing department; guard end gears on lathes L. T. 61, L. E. 25-23. Have millwright overhaul all belt shifters in

Digitized by Google

machine shop and tool department, also tighten all loose jack shafting and place same in first class working condition; provide ventilators in plating room to carry away fumes that arise from vats; provide guards for combination saw in shipping department; box elevator to the height of at least five feet in shipping department; guard friction drive on drill press D. S. 73; provide guards for shaper in wood shop, also guards for jointer W. E. 3-W. H. 2; provide guard for rip saw; provide safety chain on swing saw; provide guard on circular saw W. T. 1, also rip saw W. T. 3; also provide hand railing on stairways leading to wood shop. Repair toilets and place same in sanitary condition in stock room; box in end shafts in trim shop on sewing machines; guard balance wheel on clicking machine in trim shop; provide enough toilets in trim shop to comply with the State Law that requires one toilet for every twenty-five or fraction thereof in the woman's department.

March 17, 1917.

PRUDDEN, W. K., Co.—At once repair treads on all stairways. In heavy wheel department guard surface jointer; guard all jack shafting near floor; provide blower system on sand drums; guard rounder; guard bevel gears on post drills; provide suction of at least five inches on all blower systems used to carry away dust and shaving. Provide automatic gates on elevator on second floor of wood stock room. Provide guards around all jack shafting near floor in wheel shop No. 1. Repair whistle on water column on boiler No. 1. Provide blower system on sand belt in heavy wheel department. Guard circular saw on equalizing felly. Guard bevel gears, machine 763. Guard emery wheels in blacksmith shop No. 1. Repair floor in machine shop; guard end gears on machines 1-2-3 and 4. Remove all exposed set screws in jack shafting and replace with blind set screws. Repair elevator gates on elevator in spoke-lathe department. Guard pulley on machine 553. Guard planer and upper wheel of band saw in carpenter department. Provide better ventilation in plating department. Guard end gears on machines 132 and 144. Guard pulleys on machines 119-118-117-116-115-114-108-106-110-111-112 and 113. Guard gears on machine 209. Provide better sanitary conditions in toilet rooms. Provide better light in machine shop and in the several wood working shops. In my judgement all that is necessary would be a thorough cleaning of all windows. Do not permit any boy under the age of eighteen years to work longer than ten hours in any one day or fifty-four hours per week.

January 24, 1917.

WEST, A. S., AGENT, AUTO REPAIRING.—At once provide automatic gates to open and close by action of elevator; repair and put in first class condition all elevator cables. Repair safety clutch on elevator. Have electric wiring inspected by City Inspector.

July 28, 1917.

WINANS, N. H.—Within fifteen days equip boiler with low water alarm.

Laurium. October 26, 1917.

COLUMBIA STEAM LAUNDRY.—At once repair low water alarm on boiler and place iron railing to guard shaft and belting on dry tumbler in wash room.

October 27, 1917.

THE DAILY ITALIAN MINER.—At once install a separate toilet in a convenient place for use of female employes and have same properly designated For Females Only. Said toilet to be kept in a sanitary condition at all times. Disinfect and place in a sanitary condition the toilet now in use in the basement for the use of your male employes.

Lawrence. November 2, 1917.

LAWRENCE MUTUAL TELEPHONE CO.—At once comply with the fifty-four hour labor law.

Litchfield. January 4, 1918.

STOCK, F. W. & SONS.—At once put hand rail on stairs leading from first floor to basement. Remove all square head set screws in all collars on shafting and re-

Digitized by Google

place with flat flush head set screws. Remove the frail wooden guards on end of rolls, four in number, and replace same with iron gas pipe and fasten same securely to floor. Put toe board on stairs next to wall on both flights of stairs, second to third floor, also hand rail on inside of both stairs, second to third floor.

Lowell. December 20, 1917.

FALLAS, EDWIN, CANNING CO.—At once repair ventilating system to take steam from cooking room.

September 5, 1917.

KING MILLING CO.—At once place guard on belts and pulley on grain cleaner.

Ludington. April 23, 1917.

HANDY THINGS MFG. CO.—At once install another sanitary toilet in shop on first floor.

May 8, 1917.

STEARNS SALT & LUMBER CO.—At once provide suitable drinking water in sanitary receptacles for persons in your employ, thereby complying with Act No. 93 of the Public Acts of 1913, relative to individual drinking utensils and see that employes do not return to the water receptacles the water left in their drinking utensil. Have sanitary toilet installed in planing mill.

Lyons. August 22, 1917.

UNION TELEPHONE CO.—At once file permits for all employes under sixteen years of age.

Manchester. July 13, 1917.

KERN, C. D. GENERAL REPAIR SHOP.—Within thirty days place guard on emery wheel. Place guard on both sides of bandsaw as far as blade is exposed.

July 13, 1917.

LONIER & HOFFER MILLING CO.—At once place guards on large belts running through floor. Remove all square head set screws and replace with flat flush head set screws.

July 13, 1917.

MANCHESTER HANDLE CO.—Within thirty days place guards on small circular saws; place guard on emery wheel, also guards on all large belts. Remove all large set screws and replace with flat flush set screws.

Manistee. February 21, 1918.

AMERICAN WOODEN WARE CO.—At once put guards on emery wheel located in basement next to boiler room. Place guard over large band saw in basement. Remove all square head set screws in all collars on shafting and replace same with flat flush head set screws. Put guards over all circular saws and keep same over saws at all times. Put all toilets in good sanitary condition.

February 19, 1918.

JOHNSON, AUGUST M.—At once put guards over all exposed gears on all lathes, five in number in machine shop. Put guards over both emery wheels in machine shop.

February 19, 1918.

LLOYD & SMITH, PLUMBERS.—At once remove all square head set screws in all collars on shafting. Replace with flat flush head set screws. Put guard over emery wheel.

February 21, 1918.

MANISTEE IRON WORKS.—At once put guards over exposed gears on lathe No. 3. Put guard on exposed gears on drill press.

Digitized by Google

February 16, 1918.

MANISTEE MFG. CO.—At once put guard rail along each side of belts driving shaper machines, same to be at least two feet and six inches high from floor. Put guards over all circular saws, also around pulleys and belts of planer. Put guards around all bandsaws. Put toilet on second floor in working order. Put guards under all overhead belts five inches wide. Fasten guards on both sides of sanders to floor so that same cannot be jarred from position.

February 20, 1918.

OLSON LUMBER CO.—At once guard both emery wheels. Guard large band saw. Place guards over exposed gears on planer at east side of mill.

February 21, 1918.

SALT CITY WAGON SHOP.—Place guard over band saw, circular saw, also emery wheel.

Manistique. January 24, 1918.

BANNON, W. S.—At once install low water alarm on boiler.

January 24, 1918.

BROWN LUMBER CO.—At once put good substantial guard securely fastened to floor in place of wooden guard along belts and pulley of double surfacer. Put guards over both large band saws.

January 24, 1918.

CHARCOAL IRON COMPANY OF AMERICA.—At once box end belts in fan house. Guard band saw. Place guard rail at large belt on passageway in power house. Guard large wheel and belt on pump in chemical plant.

January 24, 1918.

GOODWILLIE BROS.—At once put guard hand rails on both sides of all stairs leading from first floor to basement. Put guard around back of door nailing machine. Remove all square head set screws in all collars on shafting and replace same with flat flush head set screws. Put guard around pulley and belts on planer, also put guards over all exposed gears on same. Put guards on all bevel gears on all matching machines and box in pulley and belt on same.

January 28, 1918.

MANISTIQUE CANDY KITCHEN CO.—At once put work room in a clean and sanitary condition.

January 24, 1918.

MANISTIQUE HANDLE CO.—At once put guards on all emery wheels. Put guards on gear and pinion on all lathe handle turning machines.

January 24, 1918.

MANISTIQUE STEAM LAUNDRY.—At once install low water alarm on boiler. Put guard around fly wheel of engine.

January 24, 1918

WHITE MARBLE LIME CO.—At once place guard rail at belt in hydraulic department at foot of stairs. Guard all belts extending over passageways. Keep exits and passageways free from obstructions.

Marine City. August 31, 1917.

MCLOTHS SHIPYARD.—Within ten days provide guards for emery wheels in machine shop and punch shed.

September 4, 1917.

MARINE CITY BREWING CO.—At once repair low water alarm on boiler.

Digitized by Google

August 31, 1917.

MARINE CITY LUMBER & COAL CO.—Within ten days guard all emery wheels in cabinet shop.

September 4, 1917.

MICHIGAN SALT WORKS.—Within fifteen days repair whistles on water columns and provide guards on emery wheels in machine shop.

August 31, 1917.

SADLER GARAGE.—Within ten days provide guards for emery wheels in repair department.

Marquette. December 9, 1917.

THE NEWPORT MINING CO.—At once comply with Section 9 of the Labor Laws, and regulate the hours of all males under 18 years to conform with the 54-hour law.

Marshall. November 5, 1917.

MARSHALL CASTING CO.—At once put guard on hand planer and put hand rail on stairway leading to blower room.

November 9, 1917.

MARSHALL GARAGE.—At once cover gears on lathe and put steel guards on emery wheels.

Martin. September 29, 1917.

MARTIN DAIRY & PRODUCE CO.—At once guard fly wheel on engine.

Mayville. September 6, 1917.

MAYVILLE CREAMERY CO.—Within ten days erect hand railing to stairway and guard all machinery.

September 6, 1917.

MAYVILLE MUNICIPAL LIGHT & WATER PLANT.—At once guard all engines.

Menominee. January 19, 1918.

FISHER BOX CO.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guards on all exposed gears on planer, also put guards on all circular saws, also put guards on all exposed gears on matcher in wood working department. At all times comply with the 54 hour law.

January 22, 1917.

LLOYD MFG. CO.—At once adjust the hours of work for children under 16 years of age to comply with the Federal Child Labor Law. Box all switches.

January 22, 1918.

MARINETTE & MENOMINEE PAPER CO.—Cover gears on cutting machine and guard elevator shaft.

January 22, 1918.

MENOMINEE BOILER WORKS.—At once put guard under main drive belt from motor to main line shaft, also put guard under belt from main line shaft to counter shaft next to door leading to main boiler room.

January 22, 1918.

MENOMINEE ELECTRIC MFG. CO.—At once remove all square head set screws in all collars on shafting. Replace with flat flush head set screws. Put guards on all exposed emery wheels. Put guards on all exposed gears on lathes. Put guards under all overhead belts in polishing room, 8 in number. Put all stools in men's

Digitized by Google

toilet in working condition, also in toilet for ladies, two are out of order, and have same placed in good working condition at once.

January 22, 1918.

MENOMINEE MOTOR TRUCK CO.—At once put guard around belt and pulley on third floor of motor driving main line shaft of machine shop. Remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guards on all emery wheels. Put guards on all exposed gears on all lathes.

January 22, 1918.

THE PRESCOTT COMPANY.—At once put guard on all emery wheels. Put guards on all exposed gears on lathes 35-6-5-8 and 7. Put guard around driving belt on boring machine No. 37. Put guard on back gear of shaper machine No. 20, also lathe gears No. 28, lathe 1 in tool room, and put rail around Bull lathe motor.

January 22, 1918.

MENOMINEE SAW CO.—At once place guard under main drive belt next to door between machine room and saw room. Remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Put guards on all exposed gears on all lathes.

January 18, 1918.

STAR LAUNDRY.—At once put guards around pulley and belt operating ironer. Put guards around pulley and belt operating washer.

January 18, 1918.

THE THOMSON BROTHERS.—At once put guard around band saw. Put guards on both emery wheels. Guard all exposed gears on large lathe.

January 19, 1917.

WELLS, J. W.—At once guard all side belts and lower pulleys and cover all gears on feeding tables. Guard all lower belts and pulleys in flooring factory. Box all electric starting switches. Guard all dangerous places.

Merrill. December 19, 1917.

MERRILL FARMERS ELEVATOR CO.—At once guard engine and all pulleys.

December 19, 1917.

MERRILL ROLLER MILLS.—Within ten days put low water alarm in working condition.

Middleton. February 7, 1918.

MIDDLETON ELECTRIC LIGHT PLANT.—Within ten days guard engine and main belt.

Midland. March 13, 1918.

ORR-BEAN & GRAIN CO.—Within thirty days put fire escape on southeast corner of building with door on east side of building close to south end of same, door facing Benson Street, with stairs leading along Benson Street toward P. M. Ry. Company's tracks. Have wire screen fixed on building windows so that it can be opened and closed in case they should have to be used to escape from fire in building.

Milan. July 7, 1917.

ANTEN-CAMBURN GRAIN CO.—At once replace large square head set screws on all pulleys with flat flush head set screws.

Digitized by Google

April 5, 1917.

IDEAL FURNACE CO.—At once designate female's toilet; guard all emery wheels with proper wrought iron guards not already guarded. Provide wash room and facilities for drying the clothing of foundry employes. Guard jointer knife machine. Repair roof and place same in good condition. Put exhaust in operation to take away the dust in sand blast room.

July 6, 1917.

IDEAL FURNACE CO.—At once place guards on both emery wheels in radiator mounting room. Guard both emery wheels in furnace mounting room. Guard gears on rattlers, also guard gears on rattler in shed at rear of foundry. Place guards on bevel gears on large boring mill.

July 7, 1917.

LAMKIN ALLEN CO.—At once place guards on gears on large lathe in machine shop. Place guard on belt from fly wheel on generator. Place steps leading into cement block plant in good condition. Remove all square head set screws in all pulleys and replace with flat flush screws.

July 7, 1917.

MENZY, E. D. & CO.—At once remove all obstructions on first landing of stairway leading to second story.

July 7, 1917.

THURLBY & MCGRATH.—At once place guard on gears on lathe in machine shop.

Milford. October 31, 1917.

AGNEW ELECTRIC WELDER CO.—At once guard band saw on second floor of factory. Guard emery wheel on main floor, also guard gears on small lathes.

Monroe. November 14, 1917.

MONROE FOUNDRY & FURNACE CO.—At once cover gears on lathe. Put guards and blower on grinders.

November 13, 1917.

MONROE STEAM LAUNDRY CO.—At once build a new toilet for the women working in laundry, remove same from cellar as it is both dangerous and unsanitary.

November 14, 1917.

WEIS FIBRE CONTAINER CORPORATION.—At once guard inside large wheel on Bliss punch press. Guard all belts and pulleys where women work.

November 14 1917.

WEIS MFG. CO.—At once build fire escape from fourth floor on west side of building where women work.

November 13, 1917.

WILDER STRONG IMPLEMENT CO.—At once cover gears on lathes and shaper. Guard all emery wheels and extend blower to grinders.

Morley. April 11, 1917.

PECK, C. A., GARAGE.—At once provide proper guard over cog gearing on drill press, also provide wrought iron guard over emery wheel.

Mt. Clemens. September 17, 1917.

AMERICAN LAUNDRY.—At once repair low water alarm on boiler.

October 3, 1917.

MT. CLEMENS BATH TUB MFG. CO.—Within thirty days provide guards for emery wheels and erect guards around all pulleys and gearing in planing mill.

Digitized by Google

September 20, 1917.

CENTRAL GARAGE REPAIR SHOP.—At once provide guard for emery wheel in repair department.

Mt. Pleasant. April 19, 1917.

HARRISON, W. W.—At once properly screen stairs on sides and bottom leading to bean room.

April 20, 1917.

MT. PLEASANT LAUNDRY.—At once provide proper guard over rolls on mangle, also provide low water alarm on boiler.

Muskegon. August 24, 1917.

CENTRAL PAPER CO.—Remove all exposed revolving set screws. Guard all belts running through first floor. Guard all exposed gears, also guard rail for fire pump; place guard rail around condensor No. 1, engine room. Provide guard rail for pump and pulley on cipher. Guard belt on re-clipper. Provide wrought iron guard for emery wheel in carpenter shop. Guard circular saw. Provide guard rail for water pump No. 3. Place danger sign on back water pump No. 1. Place guard rail on slacker and screen passageway. Guard end of shaft on agitators near drainers. Guard end shaft No. 3, basement. Guard end of shaft and sprocket chain, also wheel on folding machine. Guard belt and pulley, new building. Extend guard rail to more fully protect belt and pulley. Guard drive pinion and pulley. Provide handrail for back stairs for recover building. Guard belt on motor in engine room and all other dangerous machinery.

August 28, 1917.

THE LAKESIDE STONE CO.—At once guard belt and pulley on air compressor. Guard end of shaft with overhead guard rail.

August 21, 1917.

LOESCHER TANNING CO.—At once guard eccentric on polisher; gear on wringer; chain gear on brush machine; guard belt and pulleys on fleshing machines.

August 29, 1917.

PEOPLES LAUNDRY.—At once guard belt on neck band machine. Cover extractor near front.

December 18, 1917.

SHELDON, E. H. & CO.—At once construct fire escape from third floor to roof below and from said roof to ground.

Muskegon Heights. February 28, 1917.

PISTON RING CO.—At once have blower system placed in condition to comply with Section 27 and 30 of Act 285.

November 25, 1917.

WARD SERVICE.—At once provide proper toilet for female help.

Negaunee. August 16, 1917.

MARQUETTE COUNTY GAS & ELECTRIC CO.—Within thirty days place iron fence or railing around fly wheel on No. 3 conducer pump, also guard over fly wheel.

New Baltimore. October 16, 1917.

BAKER, C. E.—At once repair low water alarm on boiler.

Newberry. January 31, 1918.

HORNER, WILLIAM.—At once provide a railing around fly wheels of air pump or vacuum pump.

Digitized by Google

January 31, 1918.

NEWBERRY NEWS.—At once guard all set screws on main shaft.

New Haven. October 18, 1917.

NEW HAVEN LUMBER & COAL CO.—Provide guards for emery wheels on second floor.

New Hudson. September 10, 1917.

TOWAR CREAMERY CO.—At once remove all square head set screws in collars on shafting and replace same with flat flush head set screws.

Niles. November 19, 1917.

EAST'S LAUNDRY.—At once equip extractor with cover.

November 16, 1917.

FRENCH PAPER CO.—Within fifteen days guard open gears in beater room. Cover tank that holds bleach. Clean toilets in sorting room and enlarge dressing room. Install dressing room and enlarge toilet in finishing room Equip elevator in sorting room with automatic gates. Box shafting in grinder room. Guard over head belts in wood room.

November 15, 1917.

NATIONAL LEATHER MFG. CO.—At once box sides of elevator. Clean toilets and keep in sanitary condition.

November 14, 1917.

NATIONAL STANDARD CO.—Provide more light and ventilation for north building also more light in stock room at foot of stairs.

November 16, 1917.

SANITARY LAUNDRY.—At once equip extractor with cover. Guard belt on small mangle.

November 14, 1917.

TOWAR COTTON MILLS, INC.—At once guard all overhead drive belts. Install dressing room for females. Clean toilets and keep same sanitary at all times. Guard belts and pulleys on ends of twisters.

Northville. October 12, 1917.

UNION MFG. CO.—At once provide adjustable guard for half rip saw. Also guard half shoe connected to iron brace and extending half way across cut-off saw, first floor. Install automatic gates on elevator first and second floors. Repair low water alarm on boiler.

Onekama. February 18, 1918.

SCHOWALTES, A. L.—At once guard band saw. Remove all square head set screws in all collars on shafting; replace with flat flush head set screws. Guard all exposed gears on lathes.

Orion. October 26, 1917.

SPEAKER & SON.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Guard band saw, emery wheel and gears on lathe.

Orleans. August 27, 1917.

EASTON INDEPENDENT TELEPHONE CO.—At once arrange hours of women employes to conform with the 54-hour law.

Digitized by Google

Oronoka. September 11, 1917.

SHAFER, CYNIS C. LUMBER CO.—At once equip boiler with low water alarm.

Otsego. October 4, 1917.

BARDEEN PAPER CO.—In factory No. 1, guard passageway from beater room to sorting room. Guard all gears and pulleys not guarded. In plant No. 2 furnish lights in day time in basement of beater room and machine room, also install more lights. Cover vats in basement sorting room and clay tank. Cut off end shaft or cover back side of machine. Equip all elevators in basements with automatic gates.

October 4, 1917.

COATING DIVISION, BARDEEN PAPER CO.—At once place guards at top of clay tanks. Guard under drive belts in engine room. Clean toilets and keep them clean and sanitary. Provide dressing room for female employes.

October 5, 1917.

MAC SIM BAR PAPER CO.—At once protect or replace belts at end of beater roll shaft with counter sunk heads. Guard pulley on rag cutter. Provide gates where missing and repair gates on all elevators not working. Guard end gears, and have guards replaced where taken off.

October 5, 1917.

OTSEGO POWER & MFG. CO.—At once equip elevators that are not so equipped with automatic gates. Guard shaper. Guard counter shaft and pulley. Guard bevel gear in basement.

October 5, 1917.

WOLVERINE PAPER CO.—At once put in sanitary toilet in stock room. Repair toilet in beater room. Place guard rail by large belt in Engine room No. 2. Provide good dressing room for female employes also enlarge toilet for females. Repair low water alarms.

Ovid. August 24, 1917.

BENSINGER, JOEL.—At once repair low water alarm; put guard on jointer. Box shafting and guard pulley on sander.

Owosso. November 23, 1917.

OWOSSO DRY CLEANING WORKS.—At once install low water alarm.

November 23, 1917.

OWOSSO SUGAR CO.—At once put guards around each pulley at end of shaft driving sugar granulators on south end of second floor; also put guards under large belts driving pumps on first floor. Cover all exposed gears in machine shop. Put hinge covers on both emery wheels in south end of pulp drier.

November 22, 1917.

ROBINS TABLE CO.—At once install blow pipe at end of surface sander in cabinet department. Guard ten-inch elevator belt. Remove all square head set screws. in all collars on shafting and replace with flat flush head set screws. Guard five-inch belt running counter shaft of cut-off saw in room B.

March 1, 1918.

STANDARD MACHINE CO.—At once remove all square head set screws in all collars on shafting and replace same with flat flush head set screws. Guard all exposed gears on all lathes. Guard all emery wheels not guarded.

Parma. August 24, 1917.

PARMA BAKERY.—At once procure permit for girl under 16 years of age.

Digitized by Google

Paw Paw. November 1, 1917.

THE TRUE NORTHERNER.—At once cover extending keys on balance wheels, also guard pulleys on job presses.

Pewamo. August 21, 1917.

PEWAMO CREAMERY.—At once place low water alarm on boiler.

Pittsford. December 31, 1917.

EARL BROTHERS.—At once put steel guards on emery wheel.

Plainwell. October 8, 1917.

MICHIGAN PAPER CO.—At once equip elevators in basement and elsewhere not so equipped with automatic gates. Repair elevator gates that do not work automatically. Cover open gears on pump in beater room and in basement of machine shop. Cover open gears in beater room. Clean toilets and designate same for each sex.

Plymouth. October 10, 1917.

DAISY MFG. CO.—At once guard gears on No. 34 gear press. Repair safety gate on elevator, second floor.

Port Huron. August 17, 1917.

ACHESON OIL DOG CO.—At once guard endless chain on masticating machine in masticating department.

August 21, 1917.

ANKER-HOLTH MFG. CO.—Within ten days place guards on emery wheels in machine shop.

July 26, 1917

BEAN, JOHN B.—At once provide working permit for boy under fifteen years of age.

July 31, 1917.

CARLISLE, A. B.—At once provide permit for boy under 16 years of age.

July 31, 1917.

CITY STEAM LAUNDRY.—At once repair low water alarm on boiler. Arrange hours of female employes to conform with the 54-hour law.

July 25, 1917.

THE DRAPER MFG. CO.—At once repair low water alarm on boiler. Place guard on emery wheel, ball department. Do not permit boy under sixteen years of age to work without permit.

July 27, 1917.

DRY DOCKS IRON WORKS.—Within ten days erect guard rail around pulley on large planer, machine building. Keep guards on emery wheels at all times. Repair low water alarm on boiler.

August 17, 1917.

FEAD, JOHN L. & SONS.—Within ten days erect guards around picker machine, picker room.

August 10, 1917.

HERALD PRINTING CO.—At once file working permits for employes under 16 years of age.

July 30, 1917.

LAKE HURON WELDING WORKS.—Within ten days provide guards for all emery wheels in grinding department. Erect iron railing around motor in grinding room.

Digitized by Google

August 19, 1917.

LARNED-CARTER & CO.—At once repair fire escape by replacing step at bottom of stairs leading from second to third story. Remove ladder from top of fire escape and place in position to roof. Take out windows leading to fire escape and replace same with doors made to swing outward. Keep all entrances and passageways leading to and from stairways clear so that passagesways shall be clear at all times. Repair springs on doors of elevator so that same will stay closed.

August 17, 1917.

MILLER, E. B. & CO.—At once provide and place on file permits for employes under sixteen years of age.

August 16, 1917.

MONROE MOTOR CAR CO.—At once provide guards for emery wheels in assembly room. Guard pulleys and belting on machines 6 and 7 in machine shop.

August 23, 1917.

MORTON SALT COMPANY.—At once guard pulleys on carton machine, Morton Room. Erect guards around belting running from Morton machine, second floor. Guard drive belt on Morton motor, second floor. Place guards on pulleys and belting expander, Cooper shop. Guard all exposed gears on lathes, machine shop.

July 30, 1917.

O'SULLIVAN, JAMES & SONS.—Within ten days provide guards for emery wheels in wood working department.

August 6, 1917.

PAIGE OVERLAND CO.—At once file working permit for boy under 16 years of age. Keep toilet in sanitary condition.

August 6, 1917.

PETIT'S GARAGE.—At once file working permits for employes under 16 years of age.

July 27, 1917.

PORT HURON CITY WATER WORKS DEPT.—At once repair low water alarms on all water columns.

August 9, 1917.

PORT HURON CREAMERY CO.—At once repair low water alarm on boiler. Place guard on emery wheel, second floor. Repair elevator gates on all elevators.

August 8, 1917.

PORT HURON LIGHT & POWER CO.—At once erect guard rail around air pumps in turbine room, electric light plant.

July 30, 1917.

PORT HURON PLUMBING & HEATING CO.—Within ten days provide guards for emery wheels in pipe cutting department. Cover gears on pipe cutting machine.

August 20, 1917.

REID WRECKING CO.—At once repair low water alarm on boilers.

August 6, 1917.

ROBIN'S, LAWRENCE MOTOR SALES CO.—At once provide guards for emery wheels in repair department.

July 25, 1917.

ROMEO FOUNDRY CO. No. 2.—At once provide guards for tumbler machine in mill room. Repair gate on elevator, west end building, No. 2. Erect guard around large pulley on sand mixer, piston core room No. 2. Provide working permits for boys under 16 years of age.

Digitized by Google

August 3, 1917.

SPERRY, J. B. & Co.—At once provide permit for boy under 16 years of age.

August 10, 1917.

TIMES-HERALD Co.—At once file working permit for boy under 16 years of age.

July 30, 1917.

WHITING LUMBER Co.—Within ten days provide guards for emery wheels in grinding department. Erect guards around pulleys on knife grinding machine.

Portland. August 23, 1917.

PORTLAND CITY LAUNDRY.—At once equip boiler with low water alarm.

August 24, 1917.

WOLVERINE SOAP Co.—At once equip boiler with low water alarm. Clean closets and put in sanitary condition.

Pontiac. October 19, 1917.

ABSO-CLEAN LAUNDRY.—At once remove all square head set screws in all collars on shafting and replace same with flat flush head set screws. Put guards under drive belt from engine to main shaft and under belt from main shaft to counter shaft in wash room.

March 14, 1917.

AMERICAN FORGING & SOCKET Co.—At once discontinue employing males under the age of eighteen years to work more than ten hours in any one day or more than 54 hours in any one week. Properly guard all pulleys in hammer room. Install proper blower system to take away the dust from emery belts and dust creating machinery.

October 5, 1917.

BEAUDETTE, O. J. AUTO BODY Co.—At once remove square head set screws in collars on shafting of idle shaft of dimension saws. Guard emery wheel in finishing room. Place guard under belt from main shaft to Idler running press machine 18 to shear department. Put seat on stool in toilet of shear department. Guard large gear and pinion on shear machine. Place guard under belt from motor to pulley on line shaft in hammer room. Place guard under belt from motor to pulley on line shaft in forge shop. Put guard under two eight-inch belts in machine room and all six-inch belts from motors to shafting.

October 5, 1917.

BEAUDETTE, O. J. AUTO BODY Co.—At once remove all square head set screws in collars on shafting in wheel works plant. Put guards under two large twelve inch belts near door of glue room running through into main building. Place guard over sprocket wheel and chain projecting out into Wessen Street.

October 11, 1917

BREWER & BREWER.—At once repair toilet and put same in sanitary condition, and enclose said toilet at once.

October 3, 1917.

DETROIT WEATHER PROOF BODY Co.—At once place guards on emery wheels, also iron guard on band saw. Build standard fire escape on building B near center of south side of building, also fire escape at east end of building B. Guard rip saw. Provide stairs with rails on each side to center window in basement of building B, and paint same red for fire escape. Put standard fire escape on building C. N., east side. Put standard fire escape on office building, north end of west side, building A.

Digitized by Google

October 5, 1917.

General Motor Truck Co.—At once place guards under three belts over main passage way in blacksmith shop. Put large hoods to relieve fumes and gases on all five forges in blacksmith shop. Either remove part of material on second floor building 1, Section A, or brace same according to load also put in new floor joist where same are now broken overhead in blacksmith shop. Put brace under second floor of building No. 2, to carry load. Put standard fire escape on seventh window, south end of Section A, building 5, and let same run to roof to dry kiln. Put standard fire escape on office building at double windows, fourth in number, from Rapid Street, facing railroad tracks. Remove all square head set screws on all collars on shafting and replace with flat flush head set screws. Guard emery wheels in rough grinding department. Guard on slate grinder in grinding room. Place guards under drive belts of sticker and joiner machine in wood shop, also guards under two blower belts at south end of wood shop. Place guards on small emery wheel in north end of building 5, section B.

October 16, 1917.

Hess Pontiac Spring & Axle Co.—Guard all emery wheels. Guard all gears on three lathes in machine shop. Guard on gears on slotting machine 315. Cover ends of arbor on polishing lathes.

October 2, 1917.

Hubbard, M. D., Spring Co.—Within fifteen days guard gears on spring coiling machine. Remove all square head set screws in all collars on shafting and replace with flat flush head set screws.

October 11, 1917.

Keyser Dairy Co.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Guard gears on pasturizer, also put guards on gears on conveyor in bottling room and put railing around pit through which conveyor runs.

October 3, 1917.

Michigan Drop Forge Co.—At once put guard around fly wheel and large gear of hacking machine; also put guards under large gears of presses No. 5 and 6. Remove square head set screws in all collars on shafting in shipping and grinding room, also in collars in shafting, machine shop. Put guards on all emery wheels. Put guards on all gears on lathes in machine shop.

October 11, 1917.

Millen Baking Co.—At once either put heavy sheet iron plate four feet wide by six feet long or concrete of same dimension in front of oven in bakeshop. Put new stairs in cellar way and treads of same are to be not less than 9 inches in width.

October 17, 1917.

Monroe Body Co.—At once put guards on all emery wheels. Guard under large belt on fly wheel of gas engine to counter shaft above in metal room. Put guard over small band saw. Place guard under belt at east end of metal room from motor to main drive shaft. Put hood over retort in bending room to carry away steam. Remove all square head set screws in all collars in shafting, second Tenoner machine, west of aisle. Put guards on all main belts on all shapers. Put guard on last rip saw at east end of wood shop to protect operator when feeding same.

October 3, 1917.

Monroe Motor Car Co.—Within fifteen days put gate on east side of elevator pit on first landing. Put guard on small rip saw near loading dock. Put standard fire escape on north end of main building and ladder from fourth floor of south end of main building to roof of building below.

Digitized by Google

October 2, 1917.

NORTHWAY MOTOR & MFG. CO., PLANT 2.—At once place guards over four disc grinders. Put guard around pulley and belt running cold saw near small lathe in tool room.

October 2, 1917.

OAKLAND MOTOR CAR CO.—At once place guard rails around pit near boiler room, also put railing on each side of stairs leading from top of pit to bottom of same. Remove all obstructions leading to all fire escapes on all floors of factories. Have signs posted in all departments as to location of fire escapes.

October 8, 1917.

PONTIAC MACHINE & FOUNDRY CO.—At once guard emery wheels. Place guards around gears of punch machine. Put guards on all gears on lathes.

October 18, 1917.

PONTIAC PLANING MILL CO.—At once remove all square head set screws in all collars on shaftnig and replace with flat flush head set screws. Guard small band saw on second floor, also put guard on gears on sanding machine, first floor.

March 30, 1917.

THE PONTIAC PRESS GAZETTE.—At once provide proper hood to take away gases and fumes from gas burning boiler, also provide proper suction in pipes to take away gases and fumes from metal pots of linotype machines.

October 18, 1917.

SLATER CONSTRUCTION CO.—At once put guards on gears on planer on first floor, wood shop. Guard large and small stickers on first floor, wood shop. Put hand rail on stairs leading to second floor. Put guards on emery wheels in machine shop. Put guards on all gears on lathes.

October 18, 1917.

VAN AUKEN BOWER CO.—At once put guards on gears on sander. Put electric lights on elevator and install electric bell for use on elevator, also put gates on same.

October 8, 1917

WILSON, H. C., FOUNDRY.—At once guard gears on rattler.

February 27, 1917.

WILSON FOUNDRY & MACHINE CO.—At once discontinue employing females in your employ longer than an average of nine hours a day or fifty-four hours per week. Do not permit females in your employ to use or operate polishing or emery wheels, etc., in compliance with Section 31 of the Labor Laws.

October 4, 1917.

WILSON FOUNDRY & MACHINE CO.—At once provide seats for ladies 313-2074-2103-2095-2085-953-310, and all who haven't stools or seats at this time. Guard pulley and belt of planer 4439, also 5253. Remove all square head set screws in collars on counter shaft lathe 6284, also lathe 9267, also on American lathe in cylinder department.

October 8, 1917.

WILSON RAILWAY CRATE CO.—At once place guards on gears on lathe, also guard emery wheels. Place guard on small band saw.

October 9, 1917.

WOOD & HIGH, TAILORS.—At once repair floor in basement and clean same up generally. Install sanitary toilet.

Digitized by Google

October 19, 1917.

WRIGHT PLANING MILL.—Guard all circular saws; guard main drive belt; guard gears on sticker; guard small band saw.

Reading. January 3, 1918.

MAIN STREET GARAGE.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Guard gears on lathe. Guard emery wheels and put hand rail on stairs, first floor to first landing leading to second floor.

Reese. August 14, 1917.

PARDIE, L.—At once equip boiler with low water alarm and guard all machinery.

Richville. August 11, 1917.

ORTNER, J. L.—At once equip boiler with approved low water alarm also provide hand rails for stairway.

River Rouge. September 10, 1917.

DUNBAR STONE CO.—At once provide guard rail around belting in No. 5 House. Provide rail across large door in same department; erect rail on No. 9 crusher and fly wheel, also motor drive in main screen house. Repair main floor near No. 4 crusher.

September 14, 1917.

GREAT LAKES ENGINEERING WORKS.—At once provide hand rail on stairs leading to yard and air tool room. Extend hand rail around fly wheel of air compressor No. 2. Widen platform at least two feet on each side of water column and change rail accordingly. Keep door closed opposite cold press in punch shop. Repair low water alarms on boilers 2 and 5.

Septemebr 10, 1917.

RIVER ROUGE LIGHT & POWER STATION.—At once repair low water alarm on boiler 3.

September 10, 1917.

UNITED FUEL & SUPPLY CO.—At once guard jointer and band saw in saw mill.

September 13, 1917.

WHITEHEAD & KALES.—At once erect guard rail around gears of punch presses 24 and 4.

Rochester. October 24, 1917.

JACKSON & CO.—At once remove all square head set screws in all collars on shafting and replace with flat flush head set screws. Guard emery wheels. Guard all gears on lathes.

October 25, 1917.

KORFF, W. F.—At once guard gears on meat mixer. Remove all square head set screws in all collars on shafting and replace with flat flush head set screws.

October 25, 1917.

WESTERN KNITTING MILLS.—At once remove all square head set screws in all collars on shafting throughout plant and replace with flat flush head set screws. Put rail around motor in spinning room.

Rockwood. September 21, 1917.

ROCKWOOD SILICIA CO.—At once provide low water alarms on boilers 2 and 3.

Digitized by Google

Romeo. January 10, 1918.

ROMEO FOUNDRY.—At once put ventilator directly over where wagon stands when loading waste sand in same, the size of opening must be at least five feet square, location of same in room where rattlers are located. Place suction fans, one at window in north end of main foundry room, and one at window in south end of foundry room, and two fans located in cutter department, one driving to north and one driving to south of main foundry room. Suction fans in cleaning room and main foundry shall be located in windows at each gable ends. Put new floor in toilet, also repair roof over toilet and adjoining room so as to keep water out. Install sanitary wash rack at least twelve feet long and supply one with hot and one with cold water for use of employes. Place suction fans, one at window in north end of cleaning room, and one at window in south end of cleaning room, and two fans located in center, one driving to north and one to south.

Royal Oak. July 25, 1917.

FARLINGER, G. E.—At once provide a separate sanitary toilet for the use of your female employes.

Saginaw. August 31, 1917.

AMERICAN PAPER BOX CO.—At once clean and keep in more sanitary condition the toilet and dressing room used by the women of your employ.

January 4, 1918.

THE AUTOMATIC FAUCET & SPIGOT CO.—At once guard band saw.

November 7, 1917.

BARTLETT, A. F. & CO.—Within ten days place toilets in sanitary condition, also guard emery wheels in foundry.

February 18, 1918.

BAUM, WILLIAM.—At once place hand rails on stairway leading from first to second floor.

November 14, 1917.

BLISS & VAN AUKEN LUMBER CO.—Within ten days guard all pulleys and emery wheel.

November 13, 1917.

COLUMBIA WESTERN MILLS.—Within twenty days guard all press wheels and cover all open gears

September 17, 1917.

ELECTRIC VEHICLE SERVICE CO.—Within forty days erect fire escape on building according to state specifications.

November 13, 1917.

FERRILL, A. T., & CO.—Within ten days cover all open gears and guard all machinery.

October 11, 1917.

GERMAIN MFG. CO.—Within thirty days guard all belts and cover open gears in planing mills and box factory.

November 8, 1917.

GERMAIN MFG. CO.—Within ten days guard band saw by placing screen over same.

January 9, 1918.

GERMAIN MFG. CO.—At once arrange hours of female employes to conform with the fifty-four hour law and strictly observe same.

Digitized by Google

February 9, 1918.

HART BROTHERS.—Within ten days erect fire escape leading from window of alley near center of Dearborn Street side; convert window into door giving easier access to street, swing door at bottom of stairs now in use outward.

November 14, 1917.

HART BROTHERS CO.—At once box all core machines and cover gear chains.

February 18, 1918.

HAVENRICH REALTY CO.—At once provide ropes at windows from rooms on second floor now used for dressmaking shop.

February 14, 1918.

MODART CORSET CO.—Within ten days cause all doors leading to exit to swing outward; enclose window in elevator shaft; install trap door over stairs in opening leading to third floor, keep same closed when not in use. Keep trap now over stairs leading to third floor in rear closed when not in use; post signs throughout building to denote fire exits. Install fire gong and hold regular monthly fire drills.

August 31, 1917.

PEERLESS LAUNDRY.—At once procure and keep on file in office working permits for all children under 16 years of age.

September 21, 1917.

SAGINAW CREAMERY CO.—Within twenty days guard all main belts.

December 4, 1917.

SAGINAW-BAY CITY RAILWAY CO.—Within ten days guard all pulleys and band saw, and cover open gears.

December 22, 1917.

SAGINAW PAPER CO.—At once clear all passageways leading to stairway and windows; remove obstructions from windows and within twenty days erect fire escape from roof of second floor to third.

August 28, 1917.

SAGINAW SPECIALTY CO.—At once provide ventilation for toilet used by the females in your employ.

February 21, 1918.

SEEMAN & PETERS.—At once extend fire escape from roof to ground.

February 14, 1918.

SMELTZER, JOHN.—Within twenty days erect fire escape at rear of building with balcony at window at third and second floors, and ladders leading to ground according to State specifications.

November 30, 1917.

STORK MOTOR CO.—At once guard all emery wheels, also band saw, and all pulleys and belts.

October 26, 1917.

WICKS BROTHERS.—Within twenty days repair roof over machine shop so as to be in good condition, also repair toilets for laboring men so as to be in sanitary condition at all times.

February 18, 1918.

WOLVERINE STOVE CO.—At once keep catch that holds window at fire escape unfastened during working hours. Remove all obstructions from window leading to fire escape; keep all passages free from boxes, etc. Install fire gong and hold regular monthly fire drills.

Digitized by Google

Saline. July 14, 1917.

BEACEY, G. F., HANDLE FACTORY.—At once place guard on grindstone and emery wheel.

Saranac. September 8, 1917.

HUHN, D. G., Co.—At once guard pulleys on north end rolls.

Sault Ste. Marie. January 22, 1918.

LIPSETT, J. L.—At once guard belt on running in stand and put rail around elevator on second floor.

January 19, 1918.

TYMON LUMBER CO.—At once guard fly wheel on gasoline engine.

Sheridan. February 8, 1918.

RUTHERFORD, E. A.—At once guard engine and main belt.

Six Lakes. February 12, 1918.

SIX LAKES ELEVATOR CO.—Within ten days erect balcony at window in bean room leading to roof over driveway and guard engine.

South Haven. October 25, 1917.

CABLE-NELSON PIANO CO.—Within fifteen days equip elevators with automatic gate or traps. Put in sanitary bowls or stools. Have men use guards on machines.

October 25, 1917.

CASAVANT BROTHERS.—At once equip boiler with low water alarm. Guard jointer; use guards on shaper. Clean men's toilets and keep same clean. Guard belts and motor on floor of machine room.

October 24, 1917.

OVERTON, S. E., CO.—Within ten days equip all jointers with guards. Put hand rail on stairs in stock room back of office. Clean toilets and keep them clean and sanitary.

October 25, 1917.

SOUTH HAVEN PRESERVING CO.—At once equip elevator with automatic gates or traps. Put hand rail on stairs in receiving room.

October 24, 1917.

VAN BUREN COUNTY TELEPHONE CO.—At once discontinue employing females longer than ten hours per day or fifty-four hours per week.

South Lyon. September 10, 1917.

O'DELL, B. A.—At once remove all square head set screws in collars on shafting and replace same with flat flush head set screws. Put guards on both emery wheels.

South Rockwood. September 21, 1917.

STRONG, JOHN, CO.—At once repair low water alarm on boiler. Install man lift connecting all floors.

Sparta. December 18, 1917.

KLIPP MFG. CO.—At once equip all stoves with pipe running to outside of building to carry gas out of building.

October 24, 1917.

MICHIGAN STATE TELEPHONE CO.—At once arrange hours of women to conform with the fifty-four hour law.

October 23, 1917.

WELCH MFG. CO.—At once guard set screws on sander No. 40. Guard overhead drive belt in machine room.

Digitized by Google

St. Clair City. August 30, 1917.

DETROIT CREAMERY CO.—At once regulate working hours of boy under 18 years of age.

August 29, 1917.

HEYSTRALER BROTHERS.—At once guard gears on lathes, also pulleys on air compressor.

August 30, 1917.

ST. CLAIR IRON WORKS.—Within thirty days guard all exposed gears on lathes and drills and emery wheels.

St. Clair Heights. August 9, 1917.

BEAKER, L. N., CO.—At once cover gears and box belt on planing machine. Box belt on rip saw. Guard emery wheels.

St. Johns. August 17, 1917.

BISHOPS CREAMERY.—At once equip boiler with low water alarm. Clean toilet.

August 16, 1917.

HAYES MOTOR TRUCK WHEEL CO.—At once guard shapers and jointer also buzz planer. Clean toilets and keep them clean.

January 3, 1918.

MASON, F. C. & CO.—At once properly guard fly wheel, belt and pulley on engine, also guard all exposed gearing. Provide proper ventilation in toilet and clean same daily. Provide proper hoods over and around all coal furnaces with provision for conveying the gases arising therefrom directly from the building. Provide automatic gates at elevator opening, ground floor. Guard band saw. Install blower system on emery and polishing wheels, same to meet the requirements of Sections 27-28-29-30 and 31 of Act 285 P. A. 1909.

August 17, 1917.

PAR LUMBER CO.—At once repair low water alarm.

August 25, 1917.

ST. JOHNS STEAM LAUNDRY.—At once put guard on top of extractor. Place light at top of stairs leading to basement.

St. Joseph. December 11, 1917.

ANTI FRICTION LUBRICANT CO.—At once equip elevator with automatic gates or traps.

December 12, 1917.

AUTO SPECIALTIES CO.—At once equip ripsaw in pattern room with spreader and guard. Guard fly wheels and presses where operators head comes near wheel.

December 11, 1917.

THE COMPOUND DOOR CO.—At once guard jointers and saws. Box sides of elevator. Guard belts on first floor of factory near elevator.

December 10, 1917.

COOPER-WELLS CO.—At once guard overhead belts in knitting room. Clean toilets and keep them clean. Provide larger dressing and rest rooms for female help.

December 11, 1917.

PALMER TIRE & RUBBER CO.—At once guard open gears. Repair low water alarm.

December 12, 1917.

ST. JOSEPH IRON WORKS.—At once equip jointer with guard. Guard fly wheel on pulley and punch press. Cover all exposed set screws on collars on revolving shaft.

Digitized by Google

December 12, 1917.

THRESHERMAN'S REVIEW CO.—At once clean toilets and keep them clean.

December 11, 1917.

WILLIAMS BROTHERS.—At once equip elevator with automatic gates in basement. Provide dressing room for female employes.

Standish. March 26, 1918.

HALL, C. F.—At once convert window east side, south end of bean picking room into door, same to connect with balcony and stairs leading to ground to provide outside fire escape.

Stanton. February 5, 1918.

CADWELL, B. E.—Within ten days change window to swing outward on hinges west side of bean room.

February 5, 1918.

RASMUSSEN ELEVATOR CO.—Within ten days place hand rail on stairs leading to basement and guard gasoline engine.

Stockbridge. August 10, 1917.

STOCKBRIDGE CREAMERY.—At once equip boiler with low water alarm.

Sturgis. December 10, 1917.

AULSBROOK & JONES FURNITURE CO.—At once guard belt and pulley on Herzog jointer. Repair suction main on sander so that wood dust will be carried to outside of building.

December 10, 1917.

BERRIDGE-SHEAR CO.—At once repair blower systems on all polishing, buffing and emery grinding wheels so it will produce a velocity of air of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in a U-shaped tube.

December 10, 1917.

ROYAL EASY CHAIR CO.—At once provide automatic gates at elevator openings so constructed as to open and close by action of elevator either descending or ascending.

December 10, 1917.

WILHELM FURNITURE CO.—At once provide automatic gates at all elevator openings so constructed as to open and close by action of elevator either descending or ascending. Provide a separate and distinct toilet for the use of females in your employ.

Thompson. January 26, 1918.

CHESBROUGH, A. M.—At once guard emery wheel. Place guards on gear and pinion on wood machine.

Three Oaks. November 22, 1917.

THE WARREN FEATHERBONE CO.—At once install dressing rooms for females. Put screens on pipe frames at the end of loom and cover all exposed shafting near floors. Guard motor in loom room. Clean all toilets. Guard fly wheel of blower engine.

Three Rivers. December 7, 1917.

EDDY PAPER COMPANY.—At once provide proper guard under drive belt in engine room; also guard belt and pulley on paper roll shaft.

Digitized by Google

December 7, 1917.

SHEFFIELD CAR COMPANY.—At once discontinue the use of open salamanders for heating purposes in foundry unless ample provision be made for conveying the gases arising therefrom directly from the building. Properly hood two oil furnaces known as Wheel Furnace, and Heat Treating Furnace, with pipe to outside of building so that gas and fumes arising from furnaces will be carried to outside of building.

Traverse City. May 9, 1917.

GRELICH MFG. CO.—At once guard rip saws in No. 13 machine department. Designate toilets for men and women to comply with law.

May 10, 1917.

WELLS-HIGMAN CO.—At once repair low water alarms on boilers. Put signs on toilets designating them for men and women.

Trenton. September 21, 1917.

DETROIT BRASS FORGING CO.—At once provide high stools for ladies at work on trimming machines. Designate by sign ladies separate toilet in shop.

Union City. December 28, 1917.

BUELL, PERRY J., LUMBER CO.—At once guard circular saw.

December 28, 1917.

PEERLESS YEAST CO.—At once remove all square head set screws in all collars on shafting. Replace with flat flush head set screws. Put guards on gears on mixer. Guard emery wheel.

Vanderbilt. November 17, 1917.

VANDERBILT ELECTRIC LIGHT & POWER CO.—At once guard the belt and fly wheel on both engines.

November 17, 1917.

VANDERBILT MFG. CO.—At once install a blower system so as to take care of the dust, also put rail around fly wheel on engine and guard elevator on first and second floors.

Vassar. August 21, 1917.

HAMMANT & SHOOP.—Within twenty days guard all machinery and cover open gears.

August 21, 1917.

VASSAR STAMPING WORKS.—Within twenty days guard all machinery and belts and cover all open gears.

Wakefield. December 17, 1917.

MILLIGAN & DALY, MESSRS.—At once have permit placed on file for boy in your employ who is under 16 years of age.

December 18, 1917.

THE TOWNSHIP BOARD.—Within twenty days install toilet in building on Pierce Street occupied by R. S. Hasbrook as a printing establishment.

Walloon Lake. June 6, 1917.

WALLOON LAKE ELECTRICAL LIGHT PLANT.—At once equip boiler with an approved low water alarm. Install valve between boiler and water column.

Wayland. September 28, 1917.

BRUSH ELECTRIC LIGHT & POWER CO.—At once guard drive belts in power plant.

Digitized by Google

September 28, 1917.

MICHIGAN STATE TELEPHONE CO.—At once discontinue employing operators for a period longer than ten hours in any one day or fifty-four in any one week.

Westphalia. August 23, 1917.

WESTPHALIA MILLING CO.—At once repair low water alarm.

White Pigeon. December 8, 1917.

EDDY PAPER CO.—At once provide substantial railings around openings leading to stock tanks. Equip all elevator openings with proper trap or automatic gates so constructed as to open and close by the action of the elevator either descending or ascending.

Williamston. July 26, 1917.

SMITH, ROY.—At once guard rip saw and replace all square head set screws with flat flush screws.

Wolverine. November 16, 1917.

WOLVERINE MFG. CO.—At once guard emery wheel with wrought iron guard.

Wyandotte. September 27, 1917.

AMIOT, H. S., DYE SHOP & TAILOR.—At once provide wire cover for extractor.

March 8, 1918.

DETROIT VALVE & FITTINGS CO.—At once provide sash weights and cords for at least every other window so as to open from above the windows in machine shop and basement. Repair elevator gates so as they will open and close with action of elevator. Clean and keep in more sanitary condition all toilets used by females.

September 27, 1917.

DETROIT VALVE & FITTINGS CO.—At once install a suction system in grinding room to carry lint and grindings. Guard emery wheel in pattern shop.

September 26, 1917.

MICHIGAN ALKALI CO.—At once provide stairs with hand rail at shipping room and F. M. building. Guard rail around opening in tower building. Repair low water alarms on two end boilers of east building.

September 25, 1917.

PENNSYLVANIA SALT CO.—At once place low water alarm in proper condition on boilers Nos. 1-2-7-8-9-11-12. Guard rail across doors of east side building leading to yard.

September 28, 1917.

REGENT STOVE WORKS.—At once erect guard rail around pulley and belting on air compressor. Guard emery wheels in mounting shop, also guard cross cut saw in core room.

September 26, 1917.

WYANDOTTE PORTLAND CEMENT CO.—At once provide hand rails on platform in mixing room. Repair low water alarm on boiler No. 2.

Wyoming Park. November 24, 1917.

WYOMING PARK SCHOOL, DISTRICT 4.—At once place railing on stairs leading to basement. Install entrance at west end of alleyway in basement.

Wyoming Township. February 26, 1917.

PERE MARQUETTE RY. CO.—At once have vaults in all toilets cleaned and placed in sanitary condition. Have door repaired on toilet used by females. Provide lock and key for same and designate For Ladies Only.

Digitized by Google

Yale. September 7, 1917.

FORD SALES & SERVICE STATION.—Within ten days place guards on emery wheels in repair department.

September 7, 1917.

YALE MACHINE WORKS.—Within thirty days guard all exposed gears on lathes and place guards on emery wheels.

Ypsilanti. August 21, 1917.

DETROIT JACKSON & CHICAGO RY. SHOP.—At once place guards on gears on lathe in machine shop. Place toilet in good condition.

July 17, 1917.

LAMB, J. G. & SON.—At once place steps to platform on east side of elevator, also steps from platform to floor on northwest side of elevator.

July 20, 1917.

LEWIS GEAR MFG. CO.—At once place guards on two circular saws in main room. Guard band saw. Place guards on feed roller on sticker. Remove square head set screws in all places. Place guard on concave saw for sawing spokes.

July 21, 1917.

MCCOLLOUGH, W. L., CO.—At once place guards on all exposed gears on lathes. Remove all square head set screws and replace with flat flush head set screws. Place guards around gears on rattlers. Put guard on emery wheel.

July 20, 1917.

MICHIGAN LADDER CO.—At once place guard on gears on planer on sticker in main room. Place guard on gears on hollow lathes in main room. Guard gears on sticker in step ladder room. Guard band saw in step ladder room.

July 21, 1917.

MICHIGAN PRESS CO.—At once guard exposed gears on all lathes. Guard emery wheel in shed.

July 20, 1917.

OAK KNITTING MILLS, No. 3.—At once place guard under long belt from pulleys of second shaft to pulley on third shaft from exhaust fan, north side of building. Place guard on gears on lathe in basement. Place guard under belts five in number at south end of knitting room. Guard emery wheel in basement. Place guard under belt in northeast corner of third floor in box factory. Place fire escape on factory at once.

August 21, 1917.

PENINSULAR PAPER CO.—At once remove all square head set screws in all pulleys and collars throughout plant.

August 21, 1917.

SCHAIBLE GARAGE.—At once place guard on emery wheel in shop.

August 21, 1917.

SCHRADER MOTOR SALES CO.—At once place two openings in roof of main building at least six feet square to carry away fumes and gases and for ventilation.

July 16, 1917.

SHAEFER HARDWARE CO.—Within thirty days put fire escape on building occupied by you, 124 Michigan Avenue.

August 20, 1917.

SMITH BROTHERS, CO.—At once remove all square head set screws in all collars and pulleys and replace with flat flush head set screws. Place guard on band saw front and side. Guard emery wheels.

Digitized by Google

August 22, 1917.

STANDARD PRINTING CO.—At once remove all square head set screws in collars on shafting and replace same with flat flush head set screws. Place guards at side of each fly wheel of power presses.

July 19, 1917.

STANDARD STEEL PRODUCTS CO.—At once place guards on emery wheel in machine shop. Remove all exposed square head set screws. Place guards on wood planer on third floor of factory.

July 19, 1917.

THOMPSON & SONS.—At once place guard on wood planer, first floor. Guard emery wheels, first floor. Remove all square head set screws and replace with flat flush head set screws. Guard emery wheel in basement. Place guard under long belt second floor from pulley to motor.

August 21, 1917.

WESTFIELD & FALL RIVER LUMBER CO.—At once place guard on band saw. Guard large and small emery wheel. Remove all square head set screws in collars on shafting and replace with flat flush head set screws.

August 22, 1917.

YPSILANTI DAIRY ASSOCIATION.—At once remove all square head set screws in collars on shafting.

July 20, 1917.

YPSILANTI HAY PRESS CO.—At once place guards on gears on large casting rattler. Place guards under belts, four in number on main floor of wood shop.

August 21, 1917.

YPSILANTI MACHINE WORKS.—At once place guards on gears on roll grinder. Put guards on casting grinder emery wheel. Remove all square head set screws and replace with flat flush head screws. Place guards on bolt cutting machine gears.

July 19, 1917.

YPSILANTI PRESS.—Place guards on all gears on job presses.

July 18, 1917.

YPSILANTI RECORD PUBLISHING CO.—Place guards on all exposed gears on large press, and on all job presses in basement.

Zeeland. January 4, 1918.

COLONIAL MFG. CO.—At once guard jointer in cutting room. Guard large belt in cutting room.

January 4, 1918.

ZEELAND ORNAMENTAL CO.—At once guard jointer and jack shafts and pulleys on floor of machine room. Guard fly wheel on pump, also belt.

February 8, 1917.

ZEELAND STEAM LAUNDRY.—At once guard all exposed belts, pulleys and gears. Provide separate toilet for female employes and have same plainly designated. Provide wooden racks on floor around work tables and provide sanitary drinking faucet.

Digitized by Google

Summary of factory and

Number of inspection.	Name of county.	Number men employed as superintendents.	Number who receive wages.	Average daily wages.	Number foremen employed.	Number who receive wages.	Average daily wages.	Number boys under 16 employed.	Number who receive wages.
21	Alcona	18	1	$2 00	3	2	$2 50	.....	.....
40	Alger	43	8	5 60	40	40	3 82	1	1
194	Allegan	192	53	3 97	80	73	3 77	.....	.....
133	Alpena	92	8	5 36	71	54	4 25	1	1
86	Antrim	108	21	4 19	9	9	3 17	.....	.....
21	Arenac	24	7	3 75	3	3	2 96	.....	.....
21	Baraga	21	6	3 94	9	9	3 47	1	1
87	Barry	97	26	2 58	49	49	3 61	3	3
453	Bay	551	154	5 28	364	364	3 86	15	15
38	Benzie	30	1	4 00	14	8	3 80	.....	.....
240	Berrien	272	88	5 29	223	205	4 44	31	31
102	Branch	108	29	4 75	72	71	3 29	12	12
399	Calhoun	305	116	5 41	456	442	4 26	34	34
60	Cass	68	20	5 85	37	34	4 16	.....	.....
138	Charlevoix	150	35	5 33	67	65	3 75	2	2
81	Cheboygan	72	11	2 11	39	32	3 40	1	1
148	Chippewa	146	3	7 66	99	96	5 33	.....	.....
41	Clare	49	11	3 55	2	2	1 95	.....	.....
98	Clinton	106	18	4 24	24	20	3 75	3	3
29	Crawford	26	4	4 74	20	19	4 16	.....	.....
135	Delta	139	39	5 56	129	128	3 46	6	6
100	Dickinson	113	15	4 60	75	75	4 32	.....	.....
174	Eaton	220	45	4 17	83	83	3 90	7	7
158	Emmet	167	24	3 99	66	58	3 42	.....	.....
261	Genesee	333	138	5 69	824	823	5 08	10	10
29	Gladwin	35	4	2 95	5	5	2 70	1	1
122	Gogebic	143	15	5 10	215	215	5 06	3	3
107	Grand Traverse	119	42	4 79	50	50	3 65	5	5
157	Gratiot	174	51	4 49	86	86	3 86	6	6
95	Hillsdale	97	29	3 94	41	40	3 70	1	1
360	Houghton	395	85	5 10	387	384	5 57	55	55
126	Huron	139	60	3 90	42	42	3 28	.....	.....
394	Ingham	438	137	6 01	469	447	4 18	29	29
245	Ionia	258	62	4 03	154	148	3 84	16	16
40	Iosco	47	6	5 83	29	29	4 06	.....	.....
91	Iron	105	27	6 32	109	109	4 75	.....	.....
78	Isabella	89	22	3 90	23	23	3 41	2	2
257	Jackson	220	141	5 56	438	426	4 21	41	41
305	Kalamazoo	130	91	5 91	488	487	4 29	13	13
14	Kalkaska	14	3	3 33	1	1	3 75	.....	.....
962	Kent	1,038	429	5 49	1,170	1,166	4 12	109	109
12	Keweenaw	14	.....	.....	67	67	4 87	2	2
11	Lake	11	.....	.....	3	3	2 50	.....	.....
88	Lapeer	102	34	4 09	17	17	3 70	.....	.....
22	Leelanau	21	1	3 00	1	1	4 00	.....	.....
167	Lenawee	168	57	5 35	137	130	4 05	12	12
52	Livingston	60	20	3 68	9	9	4 42	1	1
16	Luce	15	.....	.....	20	20	4 23	.....	.....
37	Mackinac	38	16	5 12	12	12	3 78	.....	.....
185	Macomb	190	70	4 08	53	53	3 53	8	8
90	Manistee	101	38	4 97	74	74	3 67	10	10
276	Marquette	304	69	5 70	307	306	4 23	13	13
105	Mason	126	20	5 53	76	76	3 55	16	16
72	Mecosta	80	21	4 02	17	17	3 38	.....	.....
95	Menominee	112	41	5 53	89	89	3 91	12	12

Digitized by Google

workshop inspection.

Average daily wages.	Number boys employed between 16 and 18.	Number who receive wages.	Average daily wages.	Number men over 18 employed in office.	Number who receive wages.	Average daily wages.	Number men over 18 employed on skilled labor.	Number who receive wages.	Average daily wages.	Number other men over 18 employed.	Number who receive wages.	Average daily wages.
.....	.....	.....	.....	1	.....	.....	5	5	$2 20	24	24	$2 14
$2 00	7	7	$2 08	27	27	$4 96	141	140	3 75	744	744	2 64
.....	5	5	1 99	40	36	4 09	271	271	3 51	1,273	1,273	2 41
0 40	43	43	1 23	55	54	3 18	819	812	2 65	1,144	1,143	2 32
.....	.....	.....	.....	6	6	2 90	418	418	2 18	574	574	2 14
.....	1	1	2 00	2	2	2 62	16	16	2 76	20	20	2 20
2 50	7	6	2 08	6	6	4 80	34	34	3 61	405	405	2 75
1 44	8	8	1 88	28	25	3 36	336	336	2 81	453	453	2 44
1 33	161	160	1 56	546	546	3 36	3,425	3,424	3 20	4,868	4,867	2 56
.....	5	5	1 83	11	10	3 15	51	48	2 91	232	231	2 17
0 95	96	96	1 73	277	270	5 29	2,079	2,074	3 54	3,193	3,174	3 75
0 45	2	2	1 75	45	38	3 89	325	324	2 79	647	647	2 38
1 30	130	130	1 61	600	585	4 19	4,433	4,419	3 29	4,264	4,264	2 75
.....	5	5	2 73	56	52	6 22	366	366	3 78	711	711	2 22
1 08	7	7	1 76	47	46	3 75	653	653	2 93	1,498	1,498	2 54
1 50	4	4	1 37	23	23	3 47	183	183	3 19	675	675	2 45
.....	15	15	1 42	110	108	3 70	850	847	3 97	1,847	1,846	2 87
.....	.....	.....	.....	3	3	2 83	24	24	2 76	15	15	2 17
1 42	2	2	2 25	13	11	3 17	110	110	3 29	353	353	2 51
.....	10	10	2 37	16	16	3 48	85	83	3 96	504	503	2 85
0 92	84	84	1 32	120	119	3 54	545	544	3 18	2,450	2,450	2 29
.....	9	9	1 32	39	39	3 77	1,354	1,354	3 29	613	613	3 10
1 00	43	43	1 50	55	55	3 79	720	720	3 06	762	762	2 31
.....	10	9	1 28	42	35	4 23	336	330	3 03	982	982	2 35
1 61	121	121	1 96	1,215	1,215	5 64	11,728	11,728	4 45	9,779	9,779	3 14
2 50	.....	.....	.....	1	1	3 00	26	26	2 68	10	10	2 31
1 26	42	42	2 19	130	130	3 76	3,361	3,361	3 76	2,815	2,814	3 21
1 54	21	21	1 57	79	79	3 31	443	443	2 68	738	738	2 50
0 52	35	35	2 28	175	174	3 45	658	658	3 01	1,617	1,617	2 65
0 75	5	5	1 55	53	41	2 65	486	486	3 17	275	275	2 17
1 65	233	232	1 82	339	338	3 65	3,405	3,400	3 66	10,606	10,605	3 33
.....	7	7	1 38	32	32	3 32	152	152	2 27	805	805	2 78
1 14	123	123	2 14	725	698	4 33	10,634	10,634	3 36	2,476	2,476	2 77
1 45	72	72	1 65	65	56	3 38	1,151	1,137	3 12	1,176	1,175	2 73
.....	11	11	1 23	33	33	3 56	168	168	3 65	520	520	2 84
.....	7	7	1 69	53	53	3 95	1,793	1,793	3 40	1,041	1,041	3 22
0 96	9	9	1 15	21	20	3 80	112	112	2 63	251	251	2 26
1 83	207	207	1 85	497	489	3 73	6,157	6,156	3 62	3,645	3,645	2 53
1 29	81	81	1 55	475	470	2 86	4,522	4,522	3 21	3,601	3,601	2 50
.....	.....	.....	.....	2	2	2 50	23	23	2 49	31	31	1 84
1 35	591	591	1 63	1,356	1,328	3 95	11,365	11,362	3 03	9,696	9,696	2 46
1 34	12	12	2 11	19	19	4 63	1,066	1,066	3 74	938	938	3 29
.....	.....	.....	.....	.....	.....	.....	3	3	1 83	5	5	1 67
.....	6	6	1 64	6	6	2 92	118	118	3 04	172	172	2 59
.....	1	1	1 50	.....	.....	.....	31	28	2 53	60	60	2 26
1 25	41	41	1 54	143	132	3 99	933	931	3 26	1,427	1,427	2 72
1 00	4	4	1 84	7	7	2 50	69	69	3 48	200	200	2 40
.....	.....	.....	.....	10	10	3 60	66	66	3 83	701	701	3 00
.....	3	3	1 35	24	22	3 09	91	91	3 26	384	384	2 76
1 47	47	47	1 81	38	38	3 69	495	491	3 83	776	775	2 82
1 01	59	59	1 17	65	65	3 84	568	568	2 97	1,256	1,256	2 22
0 75	105	104	1 65	306	305	3 58	2,684	2,682	3 53	4,464	4,463	2 96
0 90	9	9	1 16	55	52	3 57	344	344	2 90	908	908	2 12
.....	7	7	1 67	28	28	3 85	315	315	2 26	199	199	1 80
1 23	74	74	1 89	108	107	4 17	496	496	3 34	1,816	1,816	2 65

Digitized by Google

Summary of factory and

Number of inspection.	Name of county.	Number men employed as superintendents.	Number who receive wages.	Average daily wages.	Number foremen employed.	Number who receive wages.	Average daily wages.	Number boys under 16 employed.	Number who receive wages.
32	Midland	52	26	$3 25	74	74	$3 52	.....	.....
15	Missaukee	14	3	4 28	6	6	2 96	.....	.....
62	Monroe	65	36	5 39	123	123	4 39	3	3
149	Montcalm	160	45	3 63	39	39	3 51	15	15
16	Montmorency	15	.....	.....	1	1	3 88	.....	.....
260	Muskegon	268	92	5 58	431	418	4 74	81	81
53	Newaygo	61	11	4 62	17	17	3 35	.....	.....
285	Oakland	326	126	4 67	246	244	4 95	13	13
66	Oceana	77	9	3 69	22	22	2 97	.....	.....
24	Ogemaw	25	2	5 25	3	3	3 11	.....	.....
36	Ontonagon	37	10	5 09	38	38	4 39	1	1
66	Osceola	77	17	3 73	20	20	3 39	2	2
3	Oscoda	3	.....	.....	.....	.....	.....	.....	.....
31	Otsego	26	1	6 00	14	14	3 15	.....	.....
217	Ottawa	235	66	5 49	228	222	4 21	36	36
37	Presque Isle	38	5	7 22	47	46	4 55	19	19
4	Roscommon	5	1	7 00	7	7	4 29	.....	.....
618	Saginaw	645	199	5 57	422	415	3 98	28	28
265	St. Clair	278	117	4 64	208	197	4 12	37	37
108	St. Joseph	61	50	2 72	124	124	4 02	5	5
117	Sanilac	140	54	3 64	34	34	3 78	6	6
52	Schoolcraft	54	20	5 51	34	34	4 80	2	2
192	Shiawassee	191	65	4 69	124	112	3 75	4	4
130	Tuscola	132	36	3 58	60	53	3 00	1	1
154	Van Buren	164	38	2 68	45	44	3 85	.....	.....
220	Washtenaw	249	110	4 82	136	136	3 93	15	15
3,099	Wayne	3,319	1,156	8 06	6,848	6,795	5 36	452	452
83	Wexford	84	38	5 43	69	67	3 82	1	1
14,262	Totals	15,034	4,805	$5 97	16,867	16,601	$4 72	1,203	1,203

Digitized by Google

workshop inspection.—Continued.

Average daily wages.	Number boys employed between 16 and 18.	Number who receive wages.	Average daily wages.	Number men over 18 employed in office.	Number who receive wages.	Average daily wages.	Number men over 18 employed on skilled labor.	Number who receive wages.	Average daily wages.	Number other men over 18 employed.	Number who receive wages.	Average daily wages.
.....	18	18	$2 40	21	21	$3 77	307	307	$3 56	1,247	1,247	$3 01
.....	.....	.....	.....	.....	.....	.....	16	16	2 67	43	43	2 57
$1 75	20	20	2 06	97	91	4 72	371	371	4 08	1,882	1,882	3 19
1 53	16	16	1 25	24	24	2 86	226	226	2 89	808	808	2 36
.....	1	1	1 00	1	1	1 75	5	4	3 00	18	18	2 43
1 48	268	268	2 12	458	457	3 78	5,435	5,433	3 46	5,068	5,066	2 74
.....	5	5	1 16	14	14	3 98	108	108	2 89	239	239	2 16
1 83	76	76	2 29	369	369	4 50	4,844	4,843	3 98	2,407	2,407	3 13
.....	3	3	1 50	15	15	5 29	75	75	2 99	200	200	2 15
.....	.....	.....	.....	.....	.....	.....	8	8	2 61	1	1	3 00
1 50	4	4	1 94	20	20	3 66	81	81	3 57	968	966	3 36
1 92	4	4	1 61	6	6	6 75	44	44	2 49	230	230	2 30
.....	.....	.....	.....	.....	.....	.....	3	3	3 33	1	1	3 00
.....	6	6	1 46	9	8	3 25	65	65	3 25	297	296	2 36
1 28	129	129	1 76	155	147	5 02	1,560	1,560	3 25	2,716	2,712	2 53
1 06	36	36	1 69	25	25	4 06	471	470	3 94	731	730	2 10
.....	.....	.....	.....	2	2	3 50	22	22	3 74	50	50	2 50
1 30	249	248	1 56	564	562	4 14	5,258	5,256	3 22	3,808	3,800	2 69
1 14	109	109	1 72	154	150	3 63	1,483	1,483	3 34	1,865	1,865	2 94
1 20	32	32	1 89	135	134	4 65	1,848	1,848	3 13	944	944	2 36
1 00	27	27	1 96	23	23	2 58	133	133	2 93	355	355	2 43
1 00	18	18	2 08	41	40	4 51	210	210	3 47	1,657	1,657	2 98
1 04	32	32	1 72	77	77	3 86	1,019	1,018	3 27	895	895	2 69
1 75	7	7	1 10	17	17	3 01	170	170	3 02	240	239	1 97
.....	10	10	1 59	17	17	4 30	340	340	3 39	731	731	2 53
1 16	48	48	2 16	137	136	4 72	1,441	1,441	3 29	1,732	1,732	2 82
1 58	3,159	3,159	1 99	11,072	10,855	4 24	109,253	109,248	4 23	81,205	81,205	3 21
1 50	47	46	1 63	96	96	4 39	602	602	2 97	836	836	2 54
$1 42	6,911	6,904	$1 86	21,777	21,369	$4 24	216,440	216,349	$3 85	201,813	201,765	$2 95

Digitized by Google

Summary of factory and

Number of inspection.	Name of county.	Number women employed as superintendents.	Number who receive wages.	Average daily wages.	Number forceladies employed.	Number who receive wages.	Average daily wages.	Number girls under 16 employed.	Number who receive wages.
21	Alcona	1							
40	Alger	4			1	1	$1 50		
194	Allegan	18	4	$1 60	2	2	1 75		
133	Alpena	2			8	8	1 19	4	4
86	Antrim	3	1	1 50	2	1	1 00		
21	Arenac	3							
21	Baraga				1	1	0 50		
87	Barry	4			3	3	2 79		
453	Bay	51	18	2 27	22	21	2 01	7	7
38	Benzie	2	2	1 50					
240	Berrien	7	5	2 17	19	19	1 78	22	22
102	Branch	3	3	1 88	6	6	2 08		
399	Calhoun	14	6	2 24	51	51	2 15	6	6
60	Cass	2	2	1 41					
138	Charlevoix	8			4	4	1 46		
81	Cheboygan	4	1	3 00	2				
148	Chippewa	4			4	4	1 83		
41	Clare	1			1				
98	Clinton	3			1	1	1 44	1	1
29	Crawford								
135	Delta	2			3	3	1 98		
100	Dickinson	5	1	2 40				1	1
174	Eaton	16	3	1 07	7	6	1 47	2	2
158	Emmet	20	6	1 67	2	2	1 37		
261	Genesee	11	8	2 58	32	32	2 34		
29	Gladwin	2	1	2 00	1	1	1 75		
122	Gogebic	4			1	1	2 00		
107	Grand Traverse	9			12	11	1 65		
157	Gratiot	9	3	1 27	2	2	2 00		
95	Hillsdale	4	2	2 00	1	1	2 00		
360	Houghton	23	4	3 56	5	4	2 59	2	2
126	Huron	2			2	2	1 79		
394	Ingham	14	4	2 04	21	20	1 89	2	2
245	Ionia	17	7	2 03	18	17	1 82	14	13
40	Iosco	3							
91	Iron	7	1	1 75					
78	Isabella	2	1	1 33	2	2	1 41	3	3
257	Jackson	13	10	2 40	33	33	2 06	17	17
305	Kalamazoo	4	3	2 67	53	53	2 08	18	18
14	Kalkaska				1	1	1 13		
962	Kent	46	22	2 90	113	112	1 95	47	46
12	Keweenaw								
11	Lake								
88	Lapeer	6	2	1 82					
22	Leelanau	1	1	1 25					
167	Lenawee	7	1	1 50	6	6	2 11	2	2
52	Livingston								
16	Luce							1	1
37	Mackinac	3							
185	Macomb	13	3	2 32	4	3	1 90		
90	Manistee	3	2	1 75	5	5	1 70	12	12
276	Marquette	13	1	2 30	6	6	1 91		
105	Mason	9			5	5	1 73	2	2
72	Mecosta				3	3	1 38	6	6
95	Menominee	2			7	7	1 77	3	3

Digitized by Google

workshop inspection.—Continued.

Average daily wages.	Number women over 16 employed in office.	Number who receive wages.	Average daily wages.	Number other women over 16 employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
.....	2	2	$1 25	32	31	$1 41	86	65	$115 58	$1 78
.....	7	7	1 70	76	74	1 49	1,091	1,049	2,964 30	2 83
.....	57	54	1 70	373	371	1 46	2,311	2,142	5,303 63	2 48
$0 86	51	48	1 62	233	233	0 95	2,523	2,408	5,605 38	2 33
.....	6	6	1 46	75	75	0 99	1,201	1,111	2,356 98	2 12
.....	9	9	1 64	2	2	0 75	80	60	146 98	2 44
.....	4	4	1 18	3	3	1 00	491	475	1,344 13	2 83
.....	41	38	1 80	180	177	1 45	1,202	1,118	2,784 86	2 49
0 92	431	425	1 75	1,132	1,131	1 29	11,573	11,132	30,046 38	2 69
.....	6	6	1 75	79	77	1 24	430	388	825 69	2 13
0 93	310	306	1 81	1,348	1,345	1 56	7,877	7,635	24,955 08	3 27
.....	46	45	1 70	315	315	1 37	1,581	1,492	3,497 86	2 34
1 76	567	567	1 91	1,373	1,373	1 57	12,233	11,993	34,834 58	2 90
.....	33	33	2 24	78	78	0 74	1,356	1,301	3,728 00	2 87
.....	25	21	1 66	106	106	1 13	2,567	2,437	6,489 11	2 66
.....	18	17	1 82	38	38	1 21	1,059	985	2,582 66	2 62
.....	87	83	2 17	126	126	1 39	3,288	3,128	9,973 12	3 18
.....	7	7	1 82	41	41	0 88	143	103	199 10	1 93
2 00	29	28	1 81	188	188	1 25	833	735	1,881 11	2 56
.....	12	12	1 71	7	7	1 75	680	654	1,975 72	3 02
.....	85	84	1 47	251	250	1 13	3,814	3,707	8,964 69	2 42
1 50	22	21	1 62	42	42	0 98	2,273	2,170	6,998 55	3 23
1 13	53	52	1 65	470	470	1 44	2,438	2,248	5,500 21	2 49
.....	42	37	2 19	72	67	1 19	1,739	1,550	3,932 35	2 54
.....	753	752	2 44	1,687	1,687	2 23	26,493	26,293	100,538 05	3 82
.....	4	4	1 72	3	3	1 00	88	56	137 30	2 45
.....	59	56	1 79	73	73	1 24	6,846	6,710	23,617 67	3 52
.....	49	49	1 99	343	340	1 40	1,868	1,778	4,308 23	2 42
.....	150	149	1 35	432	431	1 39	3,344	3,212	8,331 38	2 59
.....	45	45	1 85	102	100	1 57	1,110	1,025	2,786 89	2 72
1 30	185	183	1 65	257	256	1 37	15,892	15,548	52,786 59	3 39
.....	26	26	2 13	279	279	1 38	1,486	1,405	3,513 52	2 50
0 79	495	488	2 03	1,072	1,072	1 66	16,498	16,130	51,404 98	3 13
1 30	83	76	1 89	1,345	1,338	1 62	4,369	4,117	10,102 73	2 45
.....	13	13	1 60	3	3	1 33	827	783	2,396 65	3 06
.....	14	14	1 60	38	38	1 28	3,167	3,063	10,427 38	3 38
0 41	69	69	1 35	278	278	1 20	861	792	1,550 28	1 95
1 30	481	481	1 85	1,243	1,243	1 39	12,992	12,889	39,116 39	3 03
1 31	472	472	2 09	2,555	2,555	1 61	12,412	12,366	33,810 13	2 73
.....	.....	.....	.....	4	4	0 71	76	65	137 18	2 11
1 16	1,128	1,117	2 03	4,093	4,077	1 42	30,752	30,055	80,204 33	2 67
.....	.....	.....	.....	2	2	1 12	2,120	2,106	7,616 63	3 61
.....	.....	.....	.....	1	1	0 75	23	12	22 10	1 84
.....	20	20	1 85	123	123	1 33	570	498	1,238 86	2 49
.....	2	2	0 75	1	1	2 50	118	95	220 43	2 32
1 50	140	139	1 82	419	419	1 86	3,435	3,297	9,411 18	2 85
.....	11	11	1 90	74	74	1 51	435	395	993 36	2 51
3 00	3	3	2 16	8	8	1 27	824	809	2,394 10	2 96
.....	4	4	1 93	11	11	1 40	570	543	1,583 01	2 92
.....	39	39	2 07	203	203	1 54	1,866	1,730	5,183 72	2 99
0 62	49	48	1 57	332	332	1 08	2,534	2,469	5,709 17	2 31
.....	122	121	1 42	193	192	1 34	8,517	8,262	26,115 40	3 16
0 67	63	62	1 52	327	327	1 21	1,940	1,821	4,012 46	2 20
0 50	34	32	1 33	174	174	0 88	863	802	1,533 38	1 91
1 22	91	91	1 93	271	270	1 27	3,081	3,006	8,199 02	2 73

Digitized by Google

Summary of factory and

Number of inspection.	Name of county.	Number women employed as superintendents.	Number who receive wages.	Average daily wages.	Number forepladies employed.	Number who receive wages.	Average daily wages.	Number girls under 16 employed.	Number who receive wages.
32	Midland	2			1	1	$2 00		
15	Missaukee	1	1	$125	2	2	1 16		
62	Monroe				2	2	2 50	8	8
149	Montcalm	2	1	1 50	3	2	2 25	3	3
16	Montmorency				1	1	0 75		
260	Muskegon	12	2	2 08	39	37	1 75	24	24
53	Newaygo	4							
285	Oakland	7	4	2 50	17	17	1 96	4	4
66	Oceana	4							
24	Ogemaw	2			1	1	1 00		
36	Ontonagon	2							
66	Osceola	3	1	0 75					
3	Oscoda								
31	Otsego	4	2	1 25	1	1	2 25		
217	Ottawa	6	5	2 23	13	13	2 02	19	19
37	Presque Isle				1	1	1 90		
4	Roscommon								
618	Saginaw	51	16	2 21	47	45	2 26	19	19
265	St. Clair	17	6	2 54	25	25	1 93	18	18
108	St. Joseph	3	3	1 83	3	3	2 75		
117	Sanilac	2			2	2	1 90	3	3
52	Schoolcraft	1			2	2	1 67		
192	Shiawassee	3			10	9	1 88	4	4
130	Tuscola	2	1	1 20	3	2	1 75		
154	Van Buren	10	5	1 44					
220	Washtenaw	15	8	2 94	11	9	2 47	12	12
3,099	Wayne	194	68	3 32	632	630	2 57	147	147
83	Wexford	10	3	2 26	8	8	2 19		
14,262	Totals	761	254	$2 54	1,296	1,273	$2 27	433	431

Digitized by Google

workshop inspection.—Concluded.

Average daily wages.	Number women over 16 employed in office.	Number who receive wages.	Average daily wages.	Number other women over 16 employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
.....	25	25	$1 96	109	109	$1 20	1,856	1,828	$5,633 06	$3 08
.....	4	4	1 30	52	51	1 02	138	126	244 71	1 94
$1 23	92	92	2 23	252	252	1 60	2,915	2,880	9,344 39	3 24
0 88	68	66	1 43	328	328	1 29	1,692	1,573	3,500 21	2 23
.....	1	1	3 50	1	1	0 60	44	28	67 23	2 40
1 12	339	337	1 77	1,196	1,195	1 49	13,619	13,410	40,102 28	2 99
.....	11	11	1 80	63	63	1 24	522	468	1,096 02	2 34
1 05	355	353	1 78	556	555	1 93	9,220	9,011	32,253 78	3 58
.....	12	11	1 88	86	86	1 41	494	421	978 08	2 32
.....	7	7	1 10	4	4	1 21	51	26	57 29	2 20
.....	3	3	1 50	14	14	1 27	1,168	1,137	3,855 34	3 39
.....	16	16	1 86	50	50	1 06	452	390	904 23	2 32
.....	2	2	0 67	.....	.....	.....	9	6	14 35	2 39
.....	6	5	1 97	36	36	1 26	464	434	1,055 36	2 43
1 20	163	162	1 93	735	735	1 47	5,995	5,806	15,722 15	2 77
.....	15	15	1 38	71	70	1 93	1,454	1,417	3,968 58	2 80
.....	.....	.....	.....	.....	.....	.....	86	82	251 25	3 06
1 08	701	695	1 84	2,165	2,154	1 48	13,957	13,437	37,180 91	2 77
1 14	161	161	1 96	701	701	1 54	5,056	4,869	14,032 29	2 88
.....	136	136	1 88	445	445	1 66	3,736	3,724	10,449 32	2 81
1 00	22	22	1 63	182	182	1 35	929	841	1,986 13	2 36
.....	12	12	2 38	53	52	1 36	2,084	2,047	6,263 11	3 06
1 36	133	131	1 73	394	394	1 46	2,886	2,741	7,694 02	2 81
.....	33	32	1 45	355	355	1 06	1,020	913	1,765 64	1 93
.....	40	35	1 71	295	295	1 53	1,652	1,515	3,955 19	2 61
0 84	130	130	2 08	481	481	1 53	4,407	4,258	12,510 53	2 94
1 23	7,857	7,838	2 36	25,196	25,030	1 88	249,334	246,583	889,261 97	3 61
.....	32	32	1 90	186	185	1 35	1,971	1,914	5,209 89	2 72
$1 15	16,930	16,812	$2 12	56,592	56,357	$1 67	556,057	544,123	$1,775,855 86	$3 26

Digitized by Google

Number people employed, hours of labor, months operating

Number of inspection.	Name of county.	Number men under 18 employed.	Number men over 18 employed in office.	Number all other men employed.	Number women employed.	Whole number employed.	Average hours boys under 18 work per week.	Average hours men over 18 employed in offices work per week.	Average hours all other men employed work per week.	Average hours all women work per week.	Minimum number employed during year.
21	Alcona	.....	1	50	35	86	.....	60	60	51.3	40
40	Alger	8	27	968	88	1,091	53.2	49.2	59	52.2	1,033
194	Allegan	5	40	1,816	450	2,311	43.6	56.4	60.6	50.1	2,045
133	Alpena	44	55	2,126	298	2,523	53.9	51.3	60	53.7	2,205
86	Antrim	.....	6	1,109	86	1,201	.....	54	50.8	54	1,069
21	Arenac	1	2	63	14	80	54	60	59.9	54	80
21	Baraga	8	6	469	8	491	57	54	59.9	47.2	410
87	Barry	11	28	935	228	1,202	54	55.5	56.8	52.4	1,108
453	Bay	176	546	9,208	1,643	11,573	54	52.5	61	52	10,661
38	Benzie	5	11	327	87	430	52.8	58.9	59.6	51.4	349
240	Berrien	127	277	5,767	1,706	7,877	51.6	52	57.6	52	7,095
102	Branch	14	45	1,152	370	1,581	15.4	56.3	62.1	52.4	1,135
399	Calhoun	164	600	9,458	2,011	12,233	50.2	50.8	58.9	50.9	10,423
60	Cass	5	56	1,182	113	1,356	52.2	53.6	59	51.2	1,192
138	Charlevoix	9	47	2,368	143	2,567	50.6	55.5	61.2	49.2	2,126
81	Cheboygan	5	23	969	62	1,059	55.2	51.3	58.1	52.7	876
148	Chippewa	15	110	2,942	221	3,288	51.8	51	55.4	49.8	2,729
41	Clare	.....	3	90	50	143	.....	54	59.2	50.6	143
98	Clinton	5	13	593	222	833	54	52.1	59.5	55.3	671
29	Crawford	10	16	635	19	680	49.2	57.7	63.7	49.8	680
135	Delta	90	120	3,263	341	3,814	51.4	53.3	58.7	56.1	3,011
100	Dickinson	9	39	2,155	70	2,273	51.3	50.3	51.3	51	2,122
174	Eaton	50	55	1,785	548	2,438	50.6	54.5	59.5	51.4	1,989
158	Emmet	10	42	1,551	136	1,739	48.3	55.1	61.1	47.3	1,448
261	Genesee	131	1,215	22,664	2,483	26,493	48.8	46.6	55.4	50	23,868
29	Gladwin	1	1	76	10	88	54	54	59.3	49.8	87
122	Gogebic	45	130	6,534	137	6,846	53.2	51	52.8	51.3	6,447
107	Grand Traverse	26	79	1,350	413	1,868	53.4	58	59.7	52	1,723
157	Gratiot	41	175	2,535	593	3,344	45.9	44.9	62.2	52.6	2,494
95	Hillsdale	6	53	899	152	1,110	51	52	56.2	51	904
360	Houghton	288	339	14,793	472	15,892	50.2	49.9	50.5	49.4	15,214
126	Huron	7	32	1,138	309	1,486	46	61.2	63.2	52.8	858
394	Ingham	152	725	14,017	1,604	16,498	53.2	51.9	56	47.4	13,710
245	Ionia	88	65	2,739	1,477	4,369	52.2	54.1	56.8	52.4	3,615
40	Iosco	11	33	764	19	827	53	53.3	58.5	47.3	796
91	Iron	7	53	3,048	59	3,167	43.3	52.9	51.9	46.8	2,973
78	Isabella	11	21	475	354	861	42.7	55.4	61.5	51	634
257	Jackson	248	497	10,460	1,787	12,992	49.4	49.7	51.8	49.5	11,407
305	Kalamazoo	94	475	8,741	3,102	12,412	50.8	54.1	54	51.6	11,749
14	Kalkaska	.....	2	69	5	76	.....	57	62	51	61
962	Kent	700	1,356	23,269	5,427	30,752	52.9	50	55.6	51.5	27,988
12	Keweenaw	14	19	2,085	2	2,120	49.2	46	49.8	46.5	2,120
11	Lake	.....	.....	22	1	23	.....	.....	61.3	44	21
88	Lapeer	6	6	409	149	570	41	60	61.8	51.7	487
22	Leelanau	1	.....	113	4	118	54	.....	60.9	52.7	64
167	Lenawee	53	143	2,665	574	3,435	48	51.8	63.8	52.1	2,564
52	Livingston	5	7	338	85	435	30	52	58	49.8	347
16	Luce	.....	10	802	12	824	.....	54.6	60.1	52.5	824
37	Mackinac	3	24	525	18	570	52	56.2	60.6	49.4	378
185	Macomb	55	38	1,514	259	1,866	48.9	54	64.2	49.6	1,314
90	Manistee	69	65	1,999	401	2,534	54	50.8	57.8	51.1	2,114
276	Marquette	118	306	7,759	334	8,517	50	51.2	58.3	51	7,590
105	Mason	25	55	1,454	406	1,940	48	52.4	59.6	52.1	1,792
72	Mecosta	7	28	611	217	863	54	56.1	60.6	52.2	696
95	Menominee	86	108	2,513	374	3,081	53.4	52	60.5	53.3	2,409

Digitized by Google

at a minimum and maximum, power statistics.

Maximum number employed during year.	Months operated at a minimum capacity.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
86	3	3	7	7	8	8	7	7	7	6	3	2
1,098	3	3	3	2	4	2	2	2	1	1	.....	3
2,313	10	11	6	5	7	11	9	7	4	4	2	10
2,681	10	11	8	5	5	5	5	5	5	4	4	9
1,202	9	9	7	5	4	5	6	6	7	5	6	6
80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
500	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1
1,208	3	3	2	4	3	4	6	6	4	4	5	5
12,612	36	41	30	21	21	14	23	23	19	12	19	26
430	4	3	1	1	.....	1	1	1	1	1	3	3
8,230	23	26	21	13	14	9	9	5	3	8	14	20
1,652	14	13	11	6	7	7	8	8	5	6	6	8
13,349	80	77	42	27	34	43	56	60	29	29	31	60
1,364	3	3	3	3	2	2	1	2	3	2	2	3
2,834	42	43	28	18	9	6	7	3	19	20	23	27
1,061	7	6	5	7	5	5	5	4	6	8	9	10
3,423	15	14	12	11	5	2	3	4	5	6	7	16
143	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
851	4	4	1	1	3	9	13	13	2	2	1	2
680	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4,207	23	22	16	10	5	5	10	8	6	4	7	17
2,329	11	11	7	5	4	3	3	3	4	3	7	10
2,519	17	18	16	11	11	13	20	20	13	10	8	13
2,177	77	77	47	40	32	15	9	11	25	34	41	65
29,581	45	44	29	22	19	20	23	23	20	24	27	39
89	1	1	1	1	1	1	1	1	.....	1	1	1
7,200	21	21	8	4	.....	1	1	1	.....	1	5	19
2,057	20	20	19	16	15	10	8	7	9	12	13	15
3,345	9	12	15	19	18	19	18	18	17	9	5	5
1,126	11	11	10	5	6	6	7	6	4	4	2	4
16,267	35	50	32	21	13	11	15	12	11	17	27	41
1,687	40	42	24	1	5	14	20	16	3	4	10	25
16,826	25	23	17	10	16	32	45	46	19	10	11	20
4,691	14	9	5	2	6	15	27	24	8	4	3	9
902	2	2	2	3	3	4	4	4	2	2	2	1
3,287	12	13	12	9	5	1	1	1	3	3	7	8
861	4	4	3	4	5	9	12	12	7	1	2	4
13,964	63	59	36	30	30	45	58	47	24	21	25	51
13,021	17	13	6	4	5	13	18	15	4	3	9	10
76	1	.....	.....	.....	.....	1	1	1	1	1	1	1
33,556	78	78	71	71	73	80	89	78	54	44	43	56
2,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
614	17	16	7	3	4	13	14	13	2	1	6	16
118	4	3	1	.....	2	3	3	3	3	3	4	4
3,760	31	25	16	9	10	11	22	21	13	7	12	26
571	4	4	4	6	8	9	10	10	10	9	5	2
824	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
597	13	13	13	4	2	1	2	2	2	8	11	12
2,066	57	59	42	15	13	15	26	23	13	9	16	38
2,651	18	17	14	13	12	9	9	6	7	8	13	13
8,835	48	48	41	33	16	10	15	17	10	13	23	38
2,525	19	20	15	15	10	8	10	7	5	9	10	14
361	1	2	2	2	6	7	7	5	6	1	1	1
3,466	20	14	12	8	6	4	5	5	4	8	10	18

Digitized by Google

Number people employed, hours of labor, months operating

Number of inspection.	Name of county.	Number men under 18 employed.	Number men over 18 employed in office.	Number all other men employed.	Number women employed.	Whole number employed.	Average hours boys under 18 work per week.	Average hours men over 18 employed in offices work per week.	Average hours all other men employed work per week.	Average hours all women work per week.	Minimum number employed during year.
32	Midland	18	21	1,680	137	1,856	54	48.6	56	51.6	1,794
15	Missaukee	.....	.....	79	59	138	.....	.....	60	49.2	91
62	Monroe	23	97	2,441	354	2,915	51.4	48.3	57.2	51.1	2,541
149	Montcalm	31	24	1,233	404	1,692	50.4	55.3	60.1	48.6	1,253
16	Montmorency	1	1	39	3	44	54	60	59.8	52.6	38
260	Muskegon	349	458	11,202	1,610	13,619	53.7	50.8	56.4	53.1	13,411
53	Newaygo	5	14	425	78	522	52	56	64.3	51	439
285	Oakland	89	369	7,823	939	9,220	48.8	49.2	55.9	50.2	7,962
66	Oceana	3	15	374	102	494	54	59	59.5	51.4	263
24	Ogemaw	.....	.....	37	14	51	.....	.....	60	49.3	51
36	Ontonagon	5	20	1,124	19	1,168	54	53.7	51.4	48.5	1,142
66	Osceola	6	6	371	69	452	47.6	50	59.9	50.7	434
3	Oscoda	.....	.....	7	2	9	.....	.....	65.7	54	9
31	Otsego	6	9	402	47	464	50	61.6	57.4	53.4	464
217	Ottawa	165	155	4,739	936	5,995	53.9	53	57	52.5	5,480
37	Presque Isle	55	25	1,287	87	1,454	53.2	57.4	60	40.5	968
4	Roscommon	.....	2	84	.....	86	.....	60	60	.....	86
618	Saginaw	277	564	10,133	2,983	13,957	50	51.3	58	51	12,737
265	St. Clair	146	154	3,834	922	5,056	50.1	50.9	59.1	51.2	4,354
108	St. Joseph	37	135	2,977	587	3,736	49.1	53.2	57.5	52	3,411
117	Sanilac	33	23	662	211	929	54	58.2	61.1	51.2	393
52	Schoolcraft	20	41	1,955	68	2,084	50.5	51	62.6	51.2	1,955
192	Shiawassee	36	77	2,229	544	2,886	50.4	53.9	57.6	52.1	2,507
130	Tuscola	8	17	602	393	1,020	52.5	58.4	60.4	48.7	800
154	Van Buren	10	17	1,280	345	1,652	54	54.7	58.3	49.7	1,048
220	Washtenaw	63	137	3,558	649	4,407	52.7	50.8	56.6	50.5	3,833
3,099	Wayne	3,611	11,072	200,625	34,026	249,334	50.6	48	52.7	48.2	212,867
83	Wexford	48	96	1,591	236	1,971	54	53.2	60.5	52.7	1,929
14,262	Totals	8,114	21,777	450,154	76,012	556,057	52.4	49.2	54.7	50.3	483,614

Digitized by Google

at a minimum and maximum, power statistics.—Continued.

Maximum number employed during year.	Months operated at a minimum capacity.											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1,859	.....	.....	1	1	1	1	2	2	1	.....	.....	.....
138	.....	.....	2	1	1	3	3	3	2	1	1	1
3,237	11	10	4	2	1	3	6	4	3	2	4	11
1,702	6	7	8	8	9	9	10	8	8	6	4	5
44	.....	.....	.....	.....	2	2	2	2	1	1	1	.....
13,688	2	3	2	2	.....	1	2	2	2	1	1	1
714	9	9	7	6	5	6	5	4	2	3	3	5
10,119	46	46	35	26	17	11	17	18	18	20	26	38
1,133	18	18	14	9	9	14	15	13	8	8	9	12
51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1,173	1	1	1	1	1	1	.....	.....	1	1	1	1
503	4	5	5	4	4	3	4	4	3	2	3	3
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
464	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6,372	13	13	8	5	3	3	7	7	6	7	10	8
1,454	2	2	3	1	1	1	1	1	1	1	1	1
256	.....	.....	.....	.....	.....	1	1	1	1	1	.....	.....
14,772	14	12	8	5	5	9	13	14	2	4	8	10
5,919	82	82	57	27	16	33	58	49	21	23	32	56
3,807	4	3	1	.....	1	3	3	3	1	1	1	5
1,040	26	25	18	17	11	14	24	20	4	1	8	19
2,115	6	8	5	3	2	2	4	4	2	2	2	5
3,133	8	8	6	5	13	19	21	21	19	16	8	7
1,022	.....	.....	.....	.....	.....	9	12	12	4	.....	.....	.....
1,645	18	15	11	9	8	7	8	6	7	7	14	17
4,703	12	13	10	13	11	14	22	23	13	7	7	9
260,888	407	385	178	75	97	224	386	371	100	66	105	292
2,040	3	2	1	1	.....	2	2	2	1	1	1	4
687,967	1,721	1,688	1,115	752	709	934	1,299	1,211	658	587	751	1,316

Digitized by Google

Number people employed, hours of labor, months operating

Number of inspection.	Name of county.	Months operated at a maximum capacity.											
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
21	Alcona	7	7	2	2	1	1	2	2	2	3	6	7
40	Alger	2	2	2	3	1	3	3	3	4	4	5	2
194	Allegan	3	2	7	10	9	4	8	11	17	12	12	3
133	Alpena	5	4	6	10	10	10	10	10	9	10	11	5
86	Antrim	4	4	6	8	9	8	7	7	6	8	7	5
21	Arenac	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Baraga	.....	.....	.....	1	1	1	1	1	1	1	1	.....
87	Barry	5	6	7	5	6	5	3	2	4	4	4	4
453	Bay	28	23	34	43	44	48	43	43	46	53	47	41
38	Benzie	.....	1	2	3	3	2	3	3	3	3	1	1
240	Berrien	6	7	10	18	16	22	23	28	29	25	18	11
102	Branch	7	9	9	12	12	12	11	12	15	14	13	14
399	Calhoun	50	49	44	69	68	77	67	64	69	70	68	64
60	Cass	1	2	2	1	2	2	3	3	2	2	2	1
138	Charlevoix	6	6	6	9	25	34	45	42	13	10	9	8
81	Cheboygan	5	6	7	5	7	7	8	8	6	4	3	2
148	Chippewa	4	5	7	9	14	17	17	17	14	14	12	4
41	Clare	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
98	Clinton	9	10	12	12	10	6	2	1	11	11	12	10
29	Crawford	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
135	Delta	12	12	18	24	29	30	25	27	29	31	27	17
100	Dickinson	2	2	2	4	5	10	10	10	5	6	2	3
174	Eaton	14	13	14	20	19	17	10	10	17	20	22	18
158	Emmet	7	6	7	14	37	62	76	69	31	12	12	10
261	Genesee	24	20	28	36	39	33	39	40	37	31	35	24
29	Gladwin	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
122	Gogebic	2	2	2	6	11	22	22	21	10	9	5	4
107	Grand Traverse	6	6	6	9	10	14	18	19	17	14	12	9
157	Gratiot	14	11	8	4	5	4	5	5	6	14	18	17
95	Hillsdale	6	5	5	7	8	9	9	9	14	11	11	8
360	Houghton	17	15	17	26	35	51	52	51	38	33	25	23
126	Huron	23	11	13	24	36	38	39	37	31	28	29	25
394	Ingham	42	45	48	55	47	32	23	22	46	54	52	45
245	Ionia	19	24	28	29	25	16	6	9	22	27	28	24
40	Iosco	4	4	3	3	3	2	2	2	4	5	4	4
91	Iron	1	1	1	4	7	12	12	13	10	10	5	4
78	Isabella	10	10	11	10	9	5	2	2	7	12	12	10
257	Jackson	38	41	50	57	56	56	47	54	59	60	60	49
305	Kalamazoo	12	13	19	22	21	14	10	11	21	22	19	19
14	Kalkaska	.....	1	1	1	1	.....	.....	.....	.....	.....	.....	.....
962	Kent	95	97	99	93	96	97	87	96	117	128	122	121
12	Keweenaw	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Lake	.....	.....	1	1	1	1	1	1	1	1	1	.....
88	Lapeer	10	10	7	7	11	12	14	13	14	14	13	11
22	Leelanau	.....	1	3	4	2	1	1	1	1	1	.....	.....
167	Lenawee	14	15	17	21	22	27	19	17	19	25	17	16
52	Livingston	5	5	5	7	5	5	3	3	3	4	7	10
16	Luce	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Mackinac	1	1	2	10	12	13	12	12	13	6	3	2
185	Macomb	26	21	21	31	37	46	52	55	55	29	23	28
90	Manistee	4	4	9	10	10	13	13	16	14	15	10	9
276	Marquette	10	10	16	23	38	48	49	49	46	41	30	18
105	Mason	10	9	9	11	14	16	21	17	16	12	12	13
72	Mecosta	7	7	6	6	3	2	2	3	3	7	7	7
95	Menominee	5	10	11	14	16	19	18	18	19	15	13	7

Digitized by Google

at a minimum and maximum, power statistics.—Continued.

Number accidents during year.	Kind of power used.					Estimated H. P.	Number boilers used.	Are boilers insured?	Are boilers equipped with low water alarms?
	Electric.	Steam.	Gasoline.	Water.	Rented.				
.....	.....	3	10	.....	.....	176	3	3	3
257	15	7	1	.....	.....	7,013	34	34	34
47	44	44	43	15	.....	11,237	84	56	81
101	40	37	4	3	.....	17,517	78	67	71
.....	12	10	15	5	.....	2,898	17	10	13
2	2	3	8	.....	.....	486	8	2	8
66	2	4	5	2	.....	1,715	12	12	12
28	39	20	14	2	.....	2,525	29	17	28
209	160	80	14	.....	.....	26,681	181	156	174
2	6	11	10	4	.....	2,241	17	11	17
759	145	62	13	8	.....	18,460	108	79	100
46	49	29	9	1	.....	7,382	69	59	69
270	198	62	23	11	.....	33,100	136	116	134
161	19	18	12	2	.....	2,836	32	20	31
79	35	27	18	3	3	10,724	67	58	56
4	4	8	1	1	.....	1,251	13	6	13
30	55	35	9	2	.....	46,706	113	72	79
.....	18	1	4	1	.....	971	2	2	2
7	41	26	18	1	.....	2,363	36	23	31
80	9	8	1	.....	.....	2,194	26	26	26
373	56	27	3	2	.....	15,682	117	108	115
456	28	10	4	2	.....	21,219	54	50	53
22	75	23	32	5	.....	9,974	49	45	49
25	35	41	20	5	.....	8,507	68	53	55
16,488	137	46	16	5	.....	59,646	111	92	108
.....	16	4	.....	20	.....	751	4	3	5
1,724	46	11	2	.....	.....	13,939	90	84	88
15	56	18	4	3	.....	7,148	31	22	31
4	54	22	45	3	.....	9,793	48	37	45
39	34	26	20	2	.....	4,480	33	25	33
1,390	151	54	8	.....	.....	84,828	334	324	332
98	20	29	63	.....	.....	8,111	56	46	56
7,975	233	48	27	2	.....	33,374	111	100	100
54	89	35	37	12	1	8,790	56	47	51
4	8	6	19	.....	.....	1,610	19	17	19
1,019	34	21	2	1	.....	32,757	76	76	76
.....	28	10	10	4	.....	3,346	21	15	20
704	142	69	20	3	.....	25,461	129	117	127
806	178	74	11	2	.....	32,515	182	168	178
.....	3	2	4	2	.....	463	4	2	4
980	556	174	37	18	.....	70,483	334	282	326
292	3	3	.....	.....	.....	7,215	57	57	57
.....	.....	1	6	1	.....	70	1	.....	1
11	34	20	34	2	.....	2,219	40	17	28
.....	3	7	6	1	.....	645	8	2	8
71	91	53	9	5	.....	12,431	106	94	105
67	19	12	12	1	.....	2,330	23	20	23
2	4	6	2	.....	.....	3,784	28	26	26
7	2	13	4	2	.....	2,767	31	20	31
62	94	36	14	2	.....	18,164	74	38	66
416	28	.....	15	1	.....	10,710	91	83	90
1,243	107	51	8	1	.....	29,106	154	106	124
28	56	12	3	1	.....	11,874	40	35	39
.....	29	11	15	6	.....	6,305	13	11	13
96	52	28	3	2	.....	20,342	101	91	94

Digitized by Google

Number people employed, hours of labor, months operating

Number of inspection.	Name of county.	Months operated at a maximum capacity.											
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
32	Midland	3	3	2	2	2	2	1	1	2	3	3	3
15	Missaukee	3	3	.....	1	1	.....	.....	.....	1	2	2	2
62	Monroe	6	7	11	15	16	14	11	13	14	15	13	8
149	Montcalm	6	7	7	6	5	5	4	6	6	10	10	9
16	Montmorency	2	2	2	2	.....	.....	.....	.....	1	1	1	2
260	Muskegon	1	1	1	1	2	2	2	2	2	3	4	1
53	Newaygo	3	2	3	4	6	5	6	8	8	7	7	4
285	Oakland	10	9	19	27	37	44	37	36	38	34	30	17
66	Oceana	4	4	7	12	10	7	10	11	15	12	11	9
24	Ogemaw	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	Ontonagon	.....	.....	.....	.....	.....	1	1	1	1	.....	.....	.....
66	Osceola	2	1	1	2	2	3	2	2	3	4	3	3
3	Oscoda	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Otsego	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
217	Ottawa	8	7	13	16	18	18	14	14	15	14	11	13
37	Presque Isle	1	1	.....	1	1	2	2	2	2	2	1	1
4	Roscommon	1	1	1	1	1	.....	.....	.....	.....	.....	1	1
618	Saginaw	15	16	15	18	19	19	17	15	20	20	20	19
265	St. Clair	52	51	59	77	91	88	85	89	98	87	77	79
108	St. Joseph	3	4	6	7	6	4	4	4	6	6	6	2
117	Sanilac	18	17	21	19	25	26	23	24	31	36	33	29
52	Schoolcraft	3	2	4	5	6	6	5	5	7	7	6	3
192	Shiawassee	21	21	23	24	16	9	7	6	9	12	21	22
130	Tuscola	13	13	13	13	13	4	1	.....	9	13	13	13
154	Van Buren	.....	3	6	11	11	14	13	19	20	18	12	4
220	Washtenaw	23	20	21	21	24	21	14	15	23	26	25	24
3,099	Wayne	288	316	518	620	585	405	317	334	580	633	546	348
83	Wexford	2	3	3	3	4	4	4	4	3	3	3	1
14,262	Totals	1,066	1,085	1,401	1,716	1,804	1,685	1,534	1,579	1,887	1,908	1,721	1,350

Digitized by Google

at a minimum and maximum, power statistics.—Concluded.

Number accidents during year.	Kind of power used.					Estimated H. P.	Number boilers used.	Are boilers insured?	Are boilers equipped with low water alarms?
	Electric.	Steam.	Gasoline.	Water.	Rented.				
32	19	4	2	.....	.....	10,541	32	32	32
6	1	3	9	.....	.....	996	6	5	6
217	27	32	2	.....	.....	22,472	92	86	92
4	33	29	42	3	.....	1,868	24	15	23
.....	.....	2	2	6	.....	310	2	.....	2
268	120	41	14	1	1	21,546	89	81	86
.....	20	6	10	4	.....	14,653	10	8	10
906	154	42	17	2	.....	24,279	100	69	90
2	29	9	6	4	.....	1,306	19	14	19
.....	.....	.....	6	.....	.....	88	.....	.....	.....
31	4	8	3	2	.....	6,759	21	20	21
.....	16	15	8	1	.....	1,781	20	16	20
.....	.....	.....	1	1	.....	6,343	.....	.....	.....
25	2	8	8	.....	.....	1,405	18	16	17
240	130	62	8	.....	.....	14,414	114	92	110
41	4	12	9	.....	.....	6,614	28	19	28
12	.....	2	1	.....	.....	185	4	4	3
1,037	249	98	36	2	2	25,624	202	191	194
1,297	113	62	29	1	.....	26,547	139	116	130
552	69	22	2	12	.....	10,102	43	49	43
4	22	24	51	.....	.....	5,534	44	32	43
116	16	19	4	1	.....	7,782	54	40	53
107	67	42	18	2	.....	7,031	65	46	63
.....	4	31	62	1	.....	6,109	66	59	61
33	45	41	37	8	.....	3,947	59	32	60
541	101	43	5	4	.....	9,324	71	58	63
15,917	1,709	568	24	2	166	336,288	1,299	1,253	1,288
65	26	21	2	.....	.....	8,674	51	47	49
58,072	6,342	2,737	1,171	233	173	1,358,766	6,412	5,527	6,146

Digitized by Google

Statistics pertaining to seventy

Number of inspection.	Name of city.	Number men employed as superintendents.	Number who receive wages.	Average daily wages.	Number foremen employed.	Number who receive wages.	Average daily wages.	Number boys employed under 16.	Number who receive wages.
66	Adrian	70	37	$5 34	94	91	$3 74	6	6
62	Albion	47	8	5 74	82	79	4 12	10	10
59	Allegan	56	14	3 83	15	15	3 37	.....	.....
40	Alma	48	16	5 64	69	69	4 01	1	1
125	Alpena	87	8	5 36	66	52	4 18	1	1
111	Ann Arbor	125	59	4 83	74	74	4 01	5	5
245	Battle Creek	176	88	5 57	338	330	4 33	23	23
421	Bay City	514	143	5 37	345	345	3 88	15	15
51	Belding	53	20	4 16	53	50	3 31	10	10
87	Benton Harbor	103	33	5 61	89	81	4 42	2	2
29	Bessemer	32	2	4 17	35	35	4 24	.....	.....
50	Big Rapids	51	18	4 07	15	15	3 42	.....	.....
42	Boyne City	49	17	6 81	28	28	4 02	2	2
73	Cadillac	73	35	5 81	69	67	3 85	1	1
99	Calumet	106	23	9 31	149	148	7 30	10	10
41	Charlevoix	43	8	4 59	10	8	3 06	.....	.....
56	Charlotte	65	13	3 80	34	34	3 00	3	3
63	Cheboygan	59	10	6 25	31	29	3 41	1	1
65	Coldwater	67	20	4 52	39	38	3 15	12	12
26	Crystal Falls	31	15	6 65	19	19	4 46	.....	.....
2,876	Detroit	3,060	1,048	7 94	6,080	6,030	5 36	432	432
34	East Jordan	37	8	4 84	20	20	3 82	.....	.....
109	Escanaba	111	30	5 03	51	51	3 46	6	6
162	Flint	230	116	5 90	810	809	5 10	7	7
53	Grand Haven	64	18	6 08	76	75	4 77	3	3
768	Grand Rapids	827	387	5 67	1,108	1,106	4 16	99	99
51	Greenville	57	19	4 28	27	27	3 80	5	5
23	Hamtramck	37	30	14 99	309	309	5 87	3	3
94	Hancock	96	10	5 39	62	61	5 06	7	7
44	Hastings	50	15	4 88	44	44	3 64	3	3
24	Highland Park	13	6	9 08	75	74	4 97	.....	.....
42	Hillsdale	39	14	4 54	32	31	3 96	1	1
90	Holland	91	29	6 06	121	116	4 02	25	25
70	Houghton	88	34	5 47	94	94	4 16	19	19
70	Ionia	74	29	3 15	76	75	4 54	5	5
71	Iron Mountain	85	10	5 15	48	48	4 46	.....	.....
51	Iron River	60	10	5 09	49	49	4 86	.....	.....
75	Ironwood	91	11	5 55	162	162	5 28	2	2
86	Ishpeming	88	27	4 35	86	86	4 14	6	6
212	Jackson	193	139	5 60	428	422	4 23	41	41
263	Kalamazoo	105	72	6 55	467	466	4 31	13	13
338	Lansing	384	128	6 18	457	441	4 20	28	28
84	Ludington	103	18	5 58	68	68	3 65	16	16
68	Manistee	78	30	5 19	66	66	3 69	10	10
48	Manistique	52	18	5 76	30	30	4 80	2	2
110	Marquette	124	33	7 05	85	84	3 93	6	6
62	Marshall	53	16	4 75	27	26	3 66	1	1
78	Menominee	92	40	5 42	80	80	3 94	11	11
23	Midland	42	23	8 84	71	71	3 54	.....	.....
39	Monroe	42	28	5 93	121	121	4 41	3	3
86	Mt. Clemens	87	38	4 31	36	36	3 54	8	8
47	Mt. Pleasant	53	17	4 12	21	21	3 46	2	2
39	Munising	42	8	5 61	40	40	3 82	1	1
201	Muskegon	202	67	5 60	310	302	3 85	59	59
22	Muskegon Heights	28	14	6 84	99	97	4 72	22	22

Digitized by Google

of Michigan's leading cities.

Average daily wages.	Number boys employed between 16 and 18.	Number who receive wages.	Average daily wages.	Number men over 18 employed in office.	Number who receive wages.	Average daily wages.	Number men over 18 employed on skilled labor.	Number who receive wages.	Average daily wages.	Number other men over 18 employed.	Number who receive wages.	Average daily wages.
$1 22	31	31	$1 48	91	90	$4 14	592	592	$3 20	648	648	$2 45
1 57	20	20	2 05	55	47	3 29	930	924	3 42	890	890	2 71
.....	2	2	2 51	9	7	3 08	42	42	3 01	316	316	2 39
1 25	33	33	2 57	157	157	3 49	537	537	2 99	1,256	1,256	2 69
0 40	42	42	1 24	53	52	3 17	793	787	2 63	1,062	1,061	2 30
1 05	25	25	2 74	93	92	4 14	813	813	3 44	1,166	1,166	2 82
1 15	101	101	1 51	499	496	4 27	3,123	3,121	3 23	3,179	3,179	2 77
1 33	157	157	1 55	532	532	3 35	3,293	3,292	3 19	4,500	4,499	2 54
1 31	27	27	1 72	11	10	3 36	258	254	2 60	309	309	2 42
1 02	36	36	1 39	130	127	4 61	879	877	3 63	1,320	1,302	2 92
.....	1	1	3 00	10	10	3 20	125	125	3 59	747	746	3 53
.....	6	6	1 25	27	27	3 96	308	308	2 24	179	179	1 78
1 08	7	7	1 76	22	21	3 97	231	231	3 39	927	927	2 39
1 50	47	46	1 63	96	96	4 52	593	593	2 98	829	829	2 54
1 06	117	117	1 81	76	76	4 04	1,079	1,077	3 79	6,808	6,808	3 42
.....	.....	.....	.....	13	13	3 01	54	54	3 10	69	69	2 32
0 75	16	16	1 20	28	28	3 47	353	353	3 11	223	223	2 43
1 50	4	4	1 38	21	21	3 57	165	165	3 14	557	557	2 44
0 45	2	2	1 75	28	28	3 37	215	214	2 70	344	344	2 27
.....	1	1	0 50	15	15	4 23	396	396	3 35	167	167	3 12
1 58	2,756	2,756	1 96	10,137	9,922	4 16	91,508	91,503	4 24	70,143	70,143	3 24
.....	.....	.....	.....	9	9	4 37	334	334	2 54	277	277	2 40
0 92	64	64	1 23	60	59	3 33	228	227	3 12	790	790	2 38
2 00	121	121	1 96	1,208	1,208	5 65	11,503	11,503	4 46	9,551	9,551	3 14
0 79	19	19	2 10	65	63	5 52	660	660	3 36	776	775	2 81
1 31	559	559	1 56	1,336	1,310	3 95	10,945	10,944	3 03	8,983	8,983	2 47
1 20	11	11	1 35	17	17	2 86	142	142	3 09	473	473	2 30
1 39	181	181	1 94	539	537	5 65	11,273	11,273	4 57	4,776	4,776	2 97
0 88	40	40	1 52	63	63	3 82	1,082	1,079	3 68	1,227	1,227	3 09
1 44	8	8	1 75	24	23	3 41	270	270	2 63	357	357	2 46
.....	30	30	2 81	88	88	3 96	2,200	2,200	3 23	854	854	2 76
0 75	4	4	1 62	45	36	3 37	366	366	3 33	149	149	2 38
1 32	89	89	1 76	67	61	3 52	776	776	3 17	1,468	1,468	2 38
2 33	24	24	1 94	154	154	3 16	621	621	3 68	1,300	1,300	3 11
1 70	41	41	1 61	43	38	3 77	783	776	3 37	751	750	2 67
.....	8	8	1 58	33	33	3 84	949	949	3 32	574	574	3 13
.....	6	6	1 89	18	18	3 74	294	294	3 51	543	543	3 25
1 39	33	33	2 04	100	100	3 75	3,067	3,067	3 73	1,405	1,405	3 03
0 59	25	25	1 34	138	138	3 93	1,087	1,086	3 74	966	965	2 91
1 83	206	206	1 86	494	486	3 74	6,124	6,124	3 63	3,593	3,593	2 53
1 29	81	81	1 55	467	463	4 88	4,406	4,406	3 21	3,428	3,428	2 49
1 14	123	123	2 14	716	689	4 35	10,589	10,589	3 36	2,443	2,443	2 77
0 91	9	9	1 16	53	50	3 56	335	335	2 91	874	874	2 12
1 02	53	53	1 15	60	60	3 89	502	502	3 03	1,157	1,157	2 22
1 00	18	18	2 08	39	38	4 53	198	198	3 39	1,561	1,561	3 01
0 58	67	66	1 73	106	105	3 26	434	434	3 20	1,371	1,371	2 70
2 00	8	8	1 86	39	36	3 79	308	306	3 39	129	129	2 52
1 25	66	66	1 95	100	99	4 18	475	475	3 80	1,493	1,493	2 77
.....	18	18	2 40	20	20	3 88	305	305	3 57	1,239	1,239	3 02
1 75	20	20	2 06	93	88	4 66	371	371	4 27	1,833	1,833	3 20
1 47	43	43	1 80	32	32	3 80	375	375	3 97	587	587	2 82
0 96	7	7	1 34	19	18	3 90	93	93	2 66	224	224	2 28
2 00	7	7	2 09	27	27	4 71	141	140	3 74	744	744	3 74
1 47	148	148	1 94	387	387	3 83	3,913	3,912	3 47	4,090	4,089	2 76
1 50	105	105	2 46	67	66	3 53	1,420	1,420	3 42	809	809	2 63

Digitized by Google

Statistics pertaining to seventy of

Number of inspection.	Name of city.	Number men employed as superintendents.	Number who receive wages.	Average daily wages.	Number foremen employed.	Number who receive wages.	Average daily wages.	Number boys employed under 16.	Number who receive wages.
60	Negaunee	74	8	$4 68	69	69	$4 50	1	1
40	Niles	42	13	5 52	38	37	4 66	4	4
117	Owosso	114	38	5 20	109	97	3 72	3	3
85	Petoskey	86	13	3 93	32	28	3 12	.....	.....
110	Pontiac	146	70	5 22	191	189	4 29	4	4
154	Port Huron	162	81	4 90	153	145	4 04	17	17
483	Saginaw	502	156	5 57	395	389	4 04	28	28
112	Sault Ste. Marie	108	2	8 00	84	84	5 49	.....	.....
42	St. Johns	46	10	4 89	15	14	3 91	3	3
43	St. Joseph	47	18	5 70	50	46	4 29	22	22
40	Sturgis	25	17	5 14	64	64	3 99	5	5
27	Three Rivers	15	12	4 77	25	25	4 69	.....	.....
100	Traverse City	111	40	4 85	49	49	3 66	5	5
38	Wyandotte	41	12	6 53	96	96	4 10	11	11
54	Ypsilanti	67	35	4 70	37	37	3 59	8	8

Digitized by Google

Michigan's leading cities.—Continued.

Average daily wages.	Number boys employed between 16 and 18.	Number who receive wages.	Average daily wages.	Number men over 18 employed in office.	Number who receive wages.	Average daily wages.	Number men over 18 employed on skilled labor.	Number who receive wages.	Average daily wages.	Number other men over 18 employed.	Number who receive wages.	Average daily wages.
0 33	6	6	$1 33	34	34	$2 97	620	620	$3 69	1,166	1,166	$3 40
1 75	22	22	1 97	67	65	4 72	359	359	3 64	558	558	2 62
1 31	28	28	1 72	64	64	3 87	845	844	3 25	757	757	2 73
.....	7	6	0 96	22	16	3 95	157	154	2 94	277	277	2 23
0 81	65	65	2 38	331	331	4 63	4,226	4,226	4 12	1,979	1,979	3 57
1 02	72	72	1 57	124	121	3 52	1,209	1,209	3 39	1,300	1,300	3 02
1 30	212	212	1 59	540	538	4 15	5,027	5,026	3 24	3,457	3,449	2 72
.....	12	12	1 28	96	94	3 76	744	743	4 04	1,222	1,221	3 04
1 42	2	2	2 25	11	9	3 11	101	101	3 35	260	260	3 20
0 73	19	19	1 56	44	42	5 11	312	309	3 41	567	567	2 51
1 20	16	16	1 69	45	44	4 92	978	978	3 06	234	234	2 32
.....	12	12	1 94	66	66	4 86	679	679	3 25	466	466	2 31
1 54	21	21	1 57	78	78	3 31	415	415	2 69	686	686	2 52
1 72	82	82	2 55	64	64	4 19	1,149	1,149	4 24	1,739	1,739	3 37
1 14	22	22	1 57	23	23	4 84	228	228	3 31	283	283	2 48

Digitized by Google

Statistics pertaining to seventy of

Number of inspection.	Name of city.	Number women employed as superintendents.	Number who receive wages.	Average daily wages.	Number forelaidies employed.	Number who receive wages.	Average daily wages.	Number girls under 16 employed.
66	Adrian	3	1	$1 50	5	5	$2 13	2
62	Albion	3	.....	.....	1	1	2 50	.....
59	Allegan	8	.....	.....	.....	.....	.....	.....
40	Alma	3	.....	.....	1	1	3 00	.....
125	Alpena	2	.....	.....	8	8	1 19	4
111	Ann Arbor	7	4	2 56	7	6	2 38	2
245	Battle Creek	7	4	3 35	48	48	2 14	5
421	Bay City	51	18	2 27	22	21	2 01	7
51	Belding	5	4	2 52	11	10	1 94	8
87	Benton Harbor	2	2	2 00	4	4	1 45	.....
29	Bessemer	3	.....	.....	.....	.....	.....	.....
50	Big Rapids	.....	.....	.....	2	2	1 25	6
42	Boyne City	3	.....	.....	1	1	1 33	.....
73	Cadillac	9	3	2 28	8	8	2 19	.....
99	Calumet	7	1	2 80	3	2	3 50	.....
41	Charlevoix	3	.....	.....	2	2	1 75	.....
56	Charlotte	7	2	1 15	.....	.....	.....	.....
63	Cheboygan	4	1	3 00	2	.....	.....	.....
65	Coldwater	3	3	1 88	6	6	2 08	.....
26	Crystal Falls	2	1	1 75	.....	.....	.....	.....
2,876	Detroit	189	68	3 32	602	600	2 41	146
34	East Jordan	1	.....	.....	1	1	1 00	.....
109	Escanaba	2	.....	.....	3	3	1 98	.....
162	Flint	8	7	2 67	31	31	2 38	.....
53	Grand Haven	2	1	2 25	4	4	2 01	11
768	Grand Rapids	31	17	3 31	105	105	1 96	44
51	Greenville	1	.....	.....	2	1	2 00	3
23	Hamtramck	.....	.....	.....	21	21	2 48	1
94	Hancock	6	.....	.....	.....	.....	.....	.....
44	Hastings	3	.....	.....	3	3	2 79	.....
24	Highland Park	3	.....	.....	1	1	2 50	.....
42	Hillsdale	4	2	2 00	1	1	2 00	.....
90	Holland	2	2	2 70	9	9	2 02	6
70	Houghton	4	3	3 82	1	1	2 50	.....
70	Ionia	5	2	1 56	2	2	2 66	2
71	Iron Mountain	3	1	2 40	.....	.....	.....	1
51	Iron River	5	.....	.....	.....	.....	.....	.....
75	Ironwood	1	.....	.....	1	1	2 00	.....
86	Ishpeming	4	.....	.....	1	1	1 33	.....
212	Jackson	13	10	2 40	33	33	2 06	16
263	Kalamazoo	2	2	3 08	51	51	2 11	18
338	Lansing	10	4	2 04	19	19	1 81	1
84	Ludington	8	.....	.....	5	5	1 73	2
68	Manistee	3	2	1 75	5	5	1 70	12
48	Manistique	1	.....	.....	2	2	1 67	.....
110	Marquette	7	1	2 30	4	4	2 12	.....
62	Marshall	4	2	2 08	2	2	2 17	1
78	Menominee	2	.....	.....	7	7	1 77	3
23	Midland	2	.....	.....	1	1	2 00	.....
39	Monroe	.....	.....	.....	2	2	2 50	8
86	Mt. Clemens	10	3	2 32	3	2	1 85	.....
47	Mt. Pleasant	1	.....	.....	2	2	1 41	3
39	Munising	4	.....	.....	1	1	1 50	.....
201	Muskegon	10	2	2 08	34	33	1 74	23
22	Muskegon Heights	.....	.....	.....	2	2	2 20	1

Digitized by Google

Michigan's leading cities.—Continued.

Number who receive wages.	Average daily wages.	Number women over 16 employed in office.	Number who receive wages.	Average daily wages.	Number other women over 16 employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
2	$1 50	111	111	$1 82	303	303	$1 77	1,956	1,919	$5,199 55	$2 71
.....	.....	50	50	1 93	142	142	1 57	2,230	2,171	6,479 20	2 99
.....	.....	21	21	1 58	60	58	1 08	529	473	1,106 94	2 34
.....	.....	108	108	1 32	170	170	1 52	2,383	2,348	6,383 59	2 72
4	0 86	51	48	1 62	233	233	0 95	2,402	2,296	5,303 58	2 31
2	1 00	84	84	2 02	309	309	1 56	2,710	2,639	7,797 97	2 95
5	1 67	437	437	1 97	1,184	1,184	1 58	9,120	9,016	25,972 55	2 88
7	0 92	424	418	1 75	1,104	1,103	1 29	10,964	10,549	28,339 63	2 68
8	1 01	18	18	1 81	791	791	1 69	1,554	1,511	3,152 78	2 09
.....	.....	140	139	1 74	369	366	1 95	3,074	2,969	12,207 83	4 11
.....	.....	12	10	1 96	11	11	1 23	996	940	3,301 96	3 52
6	0 50	30	28	1 24	119	119	1 00	743	708	1,383 35	1 95
.....	.....	9	8	1 78	14	14	1 09	1,293	1,256	3,344 71	2 66
.....	.....	32	32	1 90	182	182	1 36	1,939	1,892	5,156 96	2 72
.....	.....	28	28	1 46	111	111	1 52	8,494	8,401	29,737 98	3 54
.....	.....	11	9	1 58	47	47	1 09	252	210	502 00	2 39
.....	.....	28	27	1 66	186	186	1 27	943	835	2,237 79	2 53
.....	.....	13	12	1 94	38	38	1 21	895	838	2,202 46	2 62
.....	.....	33	33	1 68	259	259	1 33	1,008	953	2,071 86	2 17
.....	.....	1	1	1 80	11	11	1 22	643	626	2,112 01	3 37
146	1 23	7,258	7,239	2 36	24,072	23,906	1 87	216,383	213,793	766,665 71	3 59
.....	.....	5	4	2 00	45	45	1 02	729	698	1,721 31	2 47
.....	.....	62	61	1 27	243	242	1 15	1,620	1,533	3,557 31	2 32
.....	.....	731	730	2 46	1,605	1,605	2 28	25,805	25,688	98,707 16	3 84
11	1 35	34	34	2 18	247	247	1 69	1,961	1,910	5,765 25	3 02
43	1 18	1,094	1,088	2 03	3,748	3,740	1 45	28,879	28,381	75,104 90	2 65
3	0 88	38	37	1 39	120	120	1 26	896	855	1,987 18	2 32
1	1 33	385	385	2 41	797	797	2 34	18,322	18,313	74,176 41	4 05
.....	.....	49	48	1 69	56	55	1 45	2,688	2,590	8,596 85	3 32
.....	.....	34	33	1 84	141	140	1 52	937	896	2,271 62	2 53
.....	.....	48	48	2 57	63	63	1 58	3,375	3,364	10,543 44	3 13
.....	.....	34	34	1 90	48	48	1 25	723	686	2,015 04	2 94
6	0 88	110	109	1 88	384	384	1 42	3,148	3,071	7,819 23	2 55
.....	.....	75	74	1 81	49	49	1 07	2,429	2,373	7,684 31	3 24
1	0 84	45	42	2 05	341	339	1 72	2,168	2,090	5,955 08	2 85
1	1 50	21	20	1 65	31	31	0 99	1,753	1,675	5,419 71	3 23
.....	.....	12	12	1 45	24	24	1 18	1,011	956	3,212 93	3 36
.....	.....	41	40	1 78	60	60	1 25	4,963	4,881	17,199 70	3 52
.....	.....	26	26	2 01	68	67	1 14	2,495	2,427	7,814 67	3 22
16	1 29	477	477	1 85	1,151	1,151	1 39	12,769	12,698	38,753 53	3 05
18	1 32	461	461	2 09	2,460	2,460	1 61	11,959	11,921	32,681 22	2 75
1	0 84	481	475	2 03	923	923	1 72	16,174	15,865	50,916 51	3 21
2	0 68	60	60	1 51	296	296	1 21	1,829	1,733	3,839 84	2 22
12	0 62	45	45	1 54	278	278	1 04	2,269	2,220	5,165 71	2 33
.....	.....	12	12	2 39	53	53	1 36	1,968	1,931	5,954 36	3 08
.....	.....	73	72	1 23	112	112	1 44	2,389	2,288	6,375 17	2 78
1	2 25	79	79	1 55	46	46	1 38	697	652	1,882 39	2 89
3	1 22	89	89	1 93	268	267	1 27	2,686	2,630	7,351 87	2 80
.....	.....	23	23	1 97	55	55	1 45	1,776	1,755	5,527 13	3 15
8	1 23	88	88	2 26	201	201	1 60	2,782	2,763	9,082 89	3 29
.....	.....	32	32	1 94	176	176	1 94	1,389	1,332	3,991 47	2 98
3	0 62	55	55	1 43	149	149	1 12	629	591	1,232 69	2 06
.....	.....	7	7	1 70	76	74	1 49	1,090	1,049	2,964 30	2 82
23	1 13	292	291	1 74	1,090	1,090	1 50	10,558	10,403	30,815 19	2 96
1	1 00	42	41	2 01	61	60	1 45	2,656	2,637	8,222 42	3 12

Digitized by Google

Statistics pertaining to seventy of

Number of inspection.	Name of city.	Number women employed as superintendents.	Number who receive wages.	Average daily wages.	Number forewomen employed.	Number who receive wages.	Average daily wages.	Number girls under 16 employed.
60	Negaunee	1	.....	.....	1	1	$1 66	.....
40	Niles	1	.....	.....	5	5	1 90	.....
117	Owosso	3	.....	.....	10	9	1 88	4
85	Petoskey	15	4	$1 66	2	2	1 38	.....
110	Pontiac	6	4	2 50	12	12	1 80	.....
154	Port Huron	11	5	2 75	24	24	1 95	17
483	Saginaw	44	11	2 31	45	44	2 29	18
112	Sault Ste. Marie	3	.....	.....	4	4	1 83	.....
42	St. Johns	2	.....	.....	1	1	1 44	1
43	St. Joseph	3	3	2 28	9	9	1 82	22
40	Sturgis	.....	.....	.....	2	2	2 75	.....
27	Three Rivers	1	1	1 50	1	1	2 00	.....
100	Traverse City	9	.....	.....	11	11	1 65	.....
38	Wyandotte	.....	.....	.....	4	4	2 37	.....
54	Ypsilanti	6	4	3 31	3	3	2 25	10

Digitized by Google

Michigan's leading cities.—Concluded.

Number who receive wages.	Average daily wages.	Number women over 16 employed in office.	Number who receive wages.	Average daily wages.	Number other women over 16 employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
.....	.....	17	17	$1 24	11	11	$1 34	2,000	1,932	$6,732 96	3 48
.....	.....	41	41	1 98	211	211	1 66	1,348	1,315	3,966 01	3 02
4	$1 36	114	112	1 68	197	197	1 67	2,248	2,153	6,211 50	2 89
.....	.....	31	26	1 98	56	52	1 27	685	578	1,404 76	2 43
.....	.....	314	314	1 74	305	305	2 97	7,579	7,499	28,080 66	3 75
17	1 14	104	104	1 88	553	553	1 52	3,746	3,648	10,671 27	2 93
18	1 06	653	652	1 87	1,945	1,936	1 49	12,866	12,459	34,954 37	2 80
.....	.....	83	81	2 16	122	122	1 42	2,478	2,363	7,921 09	3 35
1	2 00	17	17	1 89	101	101	1 33	560	519	1,458 34	2 81
22	0 93	58	56	1 85	476	476	1 58	1,629	1,589	3,934 68	2 48
.....	.....	49	49	1 98	185	185	1 56	1,603	1,594	4,522 04	2 83
.....	.....	78	78	1 82	89	89	1 42	1,432	1,429	4,071 88	2 85
.....	.....	49	49	1 99	343	340	1 40	1,777	1,694	4,116 28	2 42
.....	.....	27	27	2 66	144	144	1 94	3,357	3,328	12,163 79	3 65
10	0 81	26	26	2 33	157	157	1 47	870	836	2,227 48	2 66

Digitized by Google

Statistics of seventy cities, minimum and

Number of inspection.	Name of city.	Number men under 18 employed.	Number men over 18 employed in office.	Number all other men employed.	Number women employed.	Whole number employed.	Average hours boys under 18 work per week.	Average hours men over 18 employed in offices work per week.	Average hours all other men employed work per week.
66	Adrian	37	91	1,404	424	1,956	48.5	48.7	59.4
62	Albion	30	55	1,949	196	2,230	51.2	52.2	63.3
59	Allegan	2	9	429	89	529	54	55.1	58.8
40	Alma	34	157	1,910	282	2,383	41.4	52	60.2
125	Alpena	43	53	2,008	298	2,402	53.7	50.4	59
111	Ann Arbor	30	93	2,178	409	2,710	53	51	55.7
245	Battle Creek	124	499	6,816	1,681	9,120	50.3	50.5	57.8
421	Bay City	172	532	8,652	1,608	10,964	54	54.9	62
51	Belding	37	11	673	833	1,554	52.1	57	55
87	Benton Harbor	38	130	2,391	515	3,074	50.7	51.2	56.8
29	Bessemer	1	10	939	26	976	54	44	51
50	Big Rapids	6	27	553	157	743	54	51	52.5
42	Boyne City	9	22	1,235	27	1,293	50.6	53.8	62.1
73	Cadillac	48	96	1,564	231	1,939	52.4	55.1	59.6
99	Calumet	127	76	8,142	149	8,494	52.6	49.3	49.1
41	Charlevoix	.....	13	176	63	252	.....	54.7	64.8
56	Charlotte	19	28	675	221	943	45.4	51.8	58.2
63	Cheboygan	5	21	812	57	895	55.2	50.4	57.6
65	Coldwater	14	28	665	301	1,008	54	55.6	59.3
26	Crystal Falls	1	15	613	14	643	14	49.6	51.8
2,876	Detroit	3,188	10,137	170,791	32,267	216,383	50.3	48.2	52.6
34	East Jordan	.....	9	668	52	729	.....	61.3	63.2
109	Escanaba	70	60	1,180	310	1,620	52.6	50.2	57.4
162	Flint	128	1,208	22,094	2,375	25,805	49.5	46.5	55.1
53	Grand Haven	22	65	1,576	298	1,961	50.7	52.6	56.2
768	Grand Rapids	658	1,336	21,863	5,022	28,879	51.8	50.2	54.2
51	Greenville	16	17	699	164	896	51.7	54.5	57.8
23	Hamtramck	184	539	16,395	1,204	18,322	49.8	44.8	50.6
94	Hancock	47	63	2,467	111	2,688	49.1	50.8	49.8
44	Hastings	11	24	721	181	937	54	54.7	55.9
24	Highland Park	30	88	3,142	115	3,375	52.5	45.9	53.8
42	Hillsdale	5	45	586	87	723	48.8	52.9	60.4
90	Holland	114	67	2,456	511	3,148	53	53.1	57.5
70	Houghton	43	154	2,103	129	2,429	54	48.6	52.7
70	Ionia	46	43	1,684	395	2,168	52.4	53.5	56.6
71	Iron Mountain	8	33	1,656	56	1,753	51	50.1	51
51	Iron River	6	18	946	41	1,011	48	53.3	52.3
75	Ironwood	35	100	4,725	103	4,963	54	51.7	50.7
86	Ishpeming	31	138	2,227	99	2,495	50.9	46.9	58.9
212	Jackson	247	494	10,338	1,690	12,769	50.9	49.4	51.4
263	Kalamazoo	94	467	8,406	2,992	11,959	50.8	54.1	54
338	Lansing	151	716	13,873	1,434	16,174	53.2	51.8	56.7
84	Ludington	25	53	1,380	371	1,829	53.4	52.4	58.9
68	Manistee	63	60	1,803	343	2,269	53.7	50	58.6
48	Manistique	20	39	1,841	68	1,968	50.5	50.6	62.7
110	Marquette	73	106	2,014	196	2,389	54	48.4	61.4
62	Marshall	9	39	517	132	697	51.7	51.6	56.3
78	Menominee	77	100	2,140	369	2,686	53.3	51.8	60.5
23	Midland	18	20	1,657	81	1,776	54	48.1	56.1
39	Monroe	23	93	2,367	299	2,782	51.4	48	54.8
86	Mt. Clemens	51	32	1,085	219	1,389	48.5	53	62.9
47	Mt. Pleasant	9	19	391	210	629	43.5	55.2	60.2
39	Munising	8	27	967	88	1,090	53.2	49.1	59
200	Muskegon	207	387	8,515	1,449	10,558	52	50.5	56.2
22	Muskegon Heights	127	67	2,356	106	2,656	47.2	52.7	54

Digitized by Google

maximum hours of labor, power statistics.

Average hours all women work per week.	Minimum number employed during year.	Maximum number employed during year.	Months operated at a minimum capacity.											
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
51.9	1,530	2,187	13	9	5	1	2	5	12	11	6	3	5	13
51.3	1,963	2,469	7	7	3	4	3	6	7	11	4	5	4	8
50.3	493	529	3	4	2	2	3	5	4	4	1	.....	.....	3
50.1	1,982	2,386	3	4	4	5	4	4	3	3	3	4	2	3
53	2,155	2,560	9	10	7	5	5	5	5	5	5	4	4	9
49.5	2,420	2,805	3	4	5	6	5	7	12	13	6	2	3	3
51.1	7,754	9,969	59	58	32	18	15	28	39	36	20	20	24	45
52	10,110	11,989	34	39	28	21	20	14	22	22	19	12	19	24
53.2	1,256	1,836	6	2	.....	.....	.....	1	7	6	.....	.....	1	2
51.4	2,742	3,265	14	14	12	7	8	5	4	3	2	5	8	12
51.5	831	1,017	5	5	3	.....	.....	.....	.....	.....	.....	.....	.....	3
52.1	633	743	1	2	2	2	4	4	3	2	3	1	1	1
50.7	1,236	1,410	8	8	8	9	6	.....	.....	.....	6	6	7	8
52.8	1,903	2,008	2	1	1	1	.....	2	2	2	1	1	1	3
51.6	8,282	8,582	12	14	11	7	5	4	5	4	5	8	8	10
50.8	153	328	25	25	12	1	1	2	1	1	8	9	9	11
51.1	777	966	6	6	6	4	2	1	4	4	3	2	4	6
53	785	895	4	3	3	2	1	1	1	.....	2	2	3	4
52.2	771	1,075	9	8	8	5	5	5	7	7	5	6	6	7
50.1	640	654	4	4	4	3	2	.....	.....	.....	2	2	4	4
48.3	180,544	227,459	389	367	169	71	95	221	378	365	97	63	99	279
46.5	503	790	3	3	2	3	2	3	4	.....	.....	.....	2	2
56.4	1,249	1,710	18	17	13	9	5	3	8	6	6	3	5	12
49.9	23,277	28,759	41	38	25	13	10	11	13	13	11	14	26	38
53	1,818	2,225	5	3	2	1	.....	1	4	3	2	1	2	1
51.5	26,596	31,524	76	73	66	68	67	69	76	65	44	39	49	53
51.4	829	896	2	2	3	2	2	2	3	3	3	4	2	2
46.7	17,946	18,703	5	5	2	.....	.....	2	3	2	2	1	2	2
46.7	2,495	2,750	7	9	5	3	2	4	5	4	2	4	5	8
52.5	920	944	1	1	1	2	2	2	3	3	1	1	2	2
50.3	3,357	3,401	5	5	1	1	1	.....	2	2	.....	.....	2	5
48.8	648	738	6	6	5	1	2	2	3	3	3	2	1	1
52	2,888	3,264	5	6	3	3	3	2	3	4	3	5	5	5
48.9	2,354	2,538	10	11	9	8	4	2	2	2	3	2	7	10
52.9	1,875	2,208	7	6	4	1	2	4	10	9	3	2	1	5
49.6	1,611	1,771	10	10	6	4	1	1	1	1	2	1	5	9
44.2	820	1,118	7	8	7	5	2	1	1	1	.....	.....	2	3
49.2	4,940	5,182	14	14	3	2	.....	1	1	1	.....	1	4	15
49.1	2,099	2,521	15	15	14	11	5	3	7	7	3	4	10	12
49.5	11,274	13,730	59	55	32	25	24	35	47	38	19	19	24	49
51.5	11,319	12,568	17	13	6	4	5	12	17	14	4	3	9	10
47	13,503	16,503	20	17	11	7	13	27	36	38	13	8	10	15
52	1,736	2,142	16	17	13	13	8	3	4	3	4	8	9	12
52.6	1,936	2,369	11	10	10	6	5	1	1	.....	3	5	8	7
51.2	1,885	1,995	6	6	4	2	2	2	4	4	2	2	1	4
49.8	2,235	2,523	25	25	21	14	6	2	4	6	3	6	9	19
47.4	588	722	8	7	4	3	4	7	9	10	2	1	.....	3
53.3	2,144	3,054	17	11	11	8	6	4	4	4	3	5	7	14
52.6	1,776	1,776	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51.5	2,430	3,083	6	6	2	1	.....	3	6	4	3	2	4	7
49.6	915	1,542	37	38	27	8	8	7	14	14	8	5	6	23
51.7	535	629	2	2	1	1	1	2	5	5	2	1	1	2
52.2	1,032	1,097	3	3	3	2	4	2	2	2	1	1	.....	3
52.8	10,439	10,627	2	3	2	2	.....	1	1	1	1	1	1	1
50	2,567	2,656	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....

Digitized by Google

Statistics of seventy cities, minimum and

Number of inspection.	Name of city.	Number men under 18 employed.	Number men over 18 employed in office.	Number all other men employed.	Number women employed.	Whole number employed.	Average hours boys under 18 work per week.	Average hours men over 18 employed in offices work per week.	Average hours all other men employed work per week.
60	Negaunee	7	34	1,929	30	2,000	49.7	50.3	55
40	Niles	26	67	997	258	1,348	51.6	51	56.6
117	Owosso	31	64	1,825	328	2,248	50.5	52.9	57.1
85	Petoskey	7	22	552	104	685	45	56.3	62.8
111	Pontiac	69	331	6,542	637	7,579	51.2	48.4	55
154	Port Huron	89	124	2,824	709	3,746	51.9	53	57.9
483	Saginaw	240	540	9,381	2,705	12,866	52.1	49.5	58.2
112	Sault Ste. Marie	12	96	2,158	212	2,478	51.3	51	53.6
42	St. Johns	5	11	422	122	560	54	52.9	59.2
43	St. Joseph	41	44	976	568	1,629	46.7	52.9	55.8
40	Sturgis	21	45	1,301	236	1,603	51.2	50.7	58.2
27	Three Rivers	12	66	1,185	169	1,432	54	51.5	55.6
100	Traverse City	26	78	1,261	412	1,777	53.4	57.6	59.6
38	Wyandotte	93	64	3,025	175	3,357	53.6	47.2	56.4
54	Ypsilanti	30	23	615	202	870	52.2	51.6	56.9

Digitized by Google

maximum, hours of labor, power statistics.—Continued.

Average hours all women work per week.	Minimum number employed during year.	Maximum number employed during year.	Months operated at a minimum capacity.											
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
50.3	1,835	2,041	5	5	3	5	3	2	2	2	3	1	1	5
53	1,245	1,348	4	3	2	1	1	.....	.....	.....	.....	2	3	3
51.9	2,018	2,388	8	8	5	3	4	6	6	7	6	5	7	7
45.9	572	941	45	51	33	27	23	11	5	7	19	23	27	41
49.8	6,383	8,351	20	19	14	8	5	4	8	9	9	10	13	17
51.9	3,221	4,422	49	46	34	16	6	16	33	26	10	12	21	32
50.9	11,812	13,681	13	11	7	5	5	9	13	14	2	4	8	9
48	2,123	2,529	8	7	5	1	1	.....	.....	.....	.....	2	2	8
51.1	471	574	3	3	1	.....	2	4	6	6	1	1	.....	1
53.2	1,434	1,750	5	4	2	2	2	3	4	1	.....	.....	2	3
55.2	1,449	1,674	2	2	.....	.....	.....	1	1	1	.....	.....	.....	3
53.3	1,291	1,432	1	1	1	.....	.....	1	1	1	1	1	1	1
52.4	1,674	1,966	19	19	18	16	15	9	6	5	7	10	11	13
51.4	3,357	3,357	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53.1	850	1,046	5	5	3	4	3	4	5	5	5	3	1	3

Digitized by Google

Statistics of seventy cities, minimum and

Number of inspection.	Name of city.	Months operated at a maximum capacity.											
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
66	Adrian	10	10	14	17	17	16	9	9	12	15	11	9
62	Albion	9	7	6	5	9	8	6	4	6	6	7	10
59	Allegan	2	1	3	3	2	.....	1	1	4	5	5	2
40	Alma	3	2	2	1	2	2	3	3	3	2	4	3
125	Alpena	5	4	6	9	9	9	9	9	8	9	10	5
111	Ann Arbor	15	12	12	12	14	12	5	6	14	16	15	14
245	Battle Creek	34	34	30	53	51	57	50	51	53	51	46	43
421	Bay City	27	22	23	40	41	45	41	41	43	50	44	40
51	Belding	2	6	8	6	6	5	1	2	6	6	5	6
87	Benton Harbor	3	3	4	9	8	11	12	15	15	11	8	3
29	Bessemer	.....	.....	.....	3	4	5	5	4	3	3	3	2
50	Big Rapids	3	3	2	2	1	1	2	2	2	3	3	3
42	Boyne City	.....	.....	1	1	8	8	8	4	2	2	1	1
73	Cadillac	2	3	2	2	3	3	3	3	2	2	2	1
99	Calumet	3	2	3	6	10	12	12	12	11	8	9	8
41	Charlevoix	1	1	2	4	10	15	27	27	7	4	4	.....
56	Charlotte	5	5	4	7	8	9	6	6	8	8	6	5
63	Cheboygan	1	2	2	3	4	4	5	5	3	3	2	1
65	Coldwater	7	8	6	8	8	8	7	8	9	8	7	9
26	Crystal Falls	.....	.....	.....	1	2	4	4	4	2	2	.....	.....
2,876	Detroit	283	311	507	601	565	389	303	318	562	614	532	341
34	East Jordan	3	4	2	.....	.....	3	3	4	2	2	2	4
109	Escanaba	7	8	12	16	20	22	17	19	19	22	19	13
162	Flint	13	11	19	32	35	29	36	37	33	28	23	12
53	Grand Haven	3	5	6	7	8	7	4	5	6	7	6	7
768	Grand Rapids	81	86	88	81	87	92	84	93	111	118	111	108
51	Greenville	1	3	3	3	3	3	2	2	2	3	3	3
23	Hamtramck	3	3	5	7	6	5	4	5	5	6	4	4
94	Hancock	5	5	4	5	7	9	10	9	7	6	5	4
44	Hastings	2	3	3	2	2	2	1	1	3	3	2	2
24	Highland Park	1	1	3	5	5	5	4	4	6	6	4	1
42	Hillsdale	4	3	3	4	5	6	6	5	8	6	5	4
90	Holland	3	2	5	5	5	6	5	4	5	3	3	3
70	Houghton	5	5	4	5	7	12	13	13	8	9	5	5
70	Ionia	5	6	8	11	10	8	3	3	8	10	11	7
71	Iron Mountain	.....	.....	.....	2	5	9	9	9	4	5	1	1
51	Iron River	1	1	1	3	5	7	7	8	8	8	5	4
75	Ironwood	2	2	2	3	5	15	15	15	5	4	1	1
86	Ishpeming	5	5	7	9	14	17	13	13	17	16	9	7
212	Jackson	32	35	47	55	55	55	46	52	56	53	52	41
263	Kalamazoo	11	12	18	21	20	14	10	11	20	21	18	18
338	Lansing	36	40	43	47	39	26	20	19	41	45	42	39
84	Ludington	6	5	5	8	11	15	19	16	13	9	7	8
68	Manistee	.....	.....	1	5	7	10	10	11	8	7	3	3
48	Manistique	1	2	3	4	4	4	3	3	5	5	5	2
110	Marquette	1	1	5	12	18	23	21	20	23	19	16	6
62	Marshall	7	8	8	8	5	8	7	6	9	12	11	9
78	Menominee	4	9	9	10	12	15	15	15	16	14	12	7
23	Midland	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Monroe	6	6	10	11	12	9	6	8	9	10	8	5
86	Mt. Clemens	12	10	13	18	21	27	34	37	35	18	15	17
47	Mt. Pleasant	4	4	5	5	5	4	1	1	4	5	5	4
39	Munising	2	2	2	3	1	3	3	3	4	4	5	2
200	Muskegon	.....	.....	.....	.....	1	1	2	2	2	2	3	.....
22	Muskegon Heights	1	1	1	1	1	1	.....	.....	.....	1	1	1

Digitized by Google

maximum, hours of labor, power statistics.—Continued.

Number accidents during year.	Kind of power used.					Estimated H. P.	Number boilers used.	Number boilers insured.	Are boilers equipped with low water alarms.
	Electric.	Steam.	Gasoline.	Water.	Rented.				
59	41	22	2	.....	.....	4,153	46	41	45
7	36	8	1	2	.....	3,787	14	14	12
4	25	8	3	7	.....	1,718	11	8	11
.....	23	6	1	1	.....	5,013	19	19	19
101	39	31	4	1	.....	16,254	69	61	68
282	48	23	1	.....	.....	4,218	32	26	30
228	133	39	2	4	.....	27,372	104	92	104
209	158	77	2	.....	.....	20,174	151	129	144
20	28	11	1	3	.....	2,221	22	21	21
237	56	22	.....	.....	.....	6,029	37	25	34
250	11	3	1	.....	.....	2,181	14	14	12
.....	28	9	.....	4	.....	5,970	11	10	11
57	13	10	.....	1	1	5,153	34	32	31
65	26	20	1	.....	.....	8,620	50	47	48
441	43	10	2	.....	.....	39,383	150	150	149
2	13	2	7	.....	2	693	3	3	3
9	31	4	1	.....	.....	2,702	9	9	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	36	17	2	.....	.....	3,592	34	29	34
164	11	6	.....	.....	.....	3,818	19	19	19
13,757	1,619	498	24	.....	140	261,904	1,014	970	1,007
20	9	8	4	.....	.....	4,558	24	22	20
65	46	15	3	2	.....	8,909	43	34	41
16,408	103	32	.....	1	.....	55,115	91	78	88
29	34	14	.....	.....	.....	3,787	24	20	23
963	480	149	9	9	.....	65,880	296	259	295
.....	29	1	1	.....	.....	.....	.....	.....	.....
1,197	21	14	.....	.....	.....	21.231	46	45	46
391	40	9	.....	.....	.....	15,597	57	56	57
28	26	10	1	.....	.....	1,628	16	13	16
240	12	4	.....	.....	.....	4,119	10	9	10
7	22	10	1	.....	.....	2,392	14	13	14
205	61	27	1	.....	.....	8,869	62	55	61
237	26	14	1	.....	.....	16,278	49	49	48
31	25	11	2	3	.....	2,994	19	16	18
331	21	6	3	2	.....	19,073	42	42	42
204	17	8	2	1	.....	8,963	28	28	28
1,179	33	7	1	.....	.....	11,687	73	67	73
338	27	15	3	.....	.....	5,198	33	29	31
704	136	61	5	.....	.....	23,734	120	111	118
806	176	67	2	.....	.....	31,362	174	163	170
7,975	216	43	5	1	.....	31,686	100	92	92
21	44	11	2	.....	.....	11,227	38	33	37
414	24	22	6	.....	.....	8,513	80	76	80
110	16	15	4	1	.....	7,017	48	40	47
297	53	18	2	1	.....	13,526	55	25	40
32	28	11	3	2	.....	1,363	14	9	14
80	46	24	.....	1	.....	18,465	80	72	73
32	14	3	1	.....	.....	10,413	31	31	31
217	23	25	.....	.....	.....	21,653	80	79	80
23	47	19	.....	.....	.....	5,327	41	22	38
.....	23	8	1	2	.....	3,071	19	15	16
257	15	7	.....	.....	.....	7,010	34	34	34
63	98	30	4	.....	1	19,006	68	63	67
205	13	7	2	.....	.....	1,907	12	10	10

Digitized by Google

Statistics of seventy cities, minimum and

Number of inspection.	Name of city.	Months operated at a maximum capacity.											
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
60	Negaunee	1	1	2	.....	3	5	5	5	2	3	3	1
40	Niles	.....	1	1	2	2	3	3	3	4	2	.....	.....
117	Owosso	6	6	9	11	10	7	7	5	7	8	7	7
85	Petoskey	4	3	2	3	10	36	51	49	21	7	8	7
111	Pontiac	7	7	12	17	21	23	18	18	18	16	15	10
154	Port Huron	31	33	44	56	66	57	52	56	61	55	49	48
483	Saginaw	15	16	15	17	18	18	16	14	19	19	19	19
112	Sault Ste. Marie	.....	1	3	7	7	8	8	8	8	8	8	.....
42	St. Johns	4	5	6	7	5	4	2	1	6	6	7	5
43	St. Joseph	3	3	5	5	4	4	4	6	6	7	6	5
40	Sturgis	2	2	4	4	4	3	3	3	4	4	4	1
27	Three Rivers	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
100	Traverse City	5	5	5	7	8	14	18	19	17	14	12	9
38	Wyandotte	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Ypsilanti	4	4	4	4	5	4	5	5	4	5	5	5

Digitized by Google

maximum, hours of labor, power statistics.—Concluded.

Number accidents during year.	Kind of power used.					Estimated H. P.	Number boilers used.	Number boilers insured.	Are boilers equipped with low water alarms.
	Electric.	Steam.	Gasoline.	Water.	Rented.				
110	21	8	1	.....	.....	5,399	28	14	18
33	24	15	2	2	.....	3,934	29	20	27
2	43	22	2	.....	.....	3,439	37	28	35
9	27	15	3	4	.....	3,416	24	18	22
890	67	18	3	.....	.....	14,044	39	32	37
1,221	77	37	3	.....	.....	20,652	79	64	72
992	215	85	12	.....	2	22,371	180	173	174
28	53	18	1	2	.....	44,503	60	35	34
3	26	11	.....	.....	.....	1,328	17	13	14
27	33	9	1	.....	.....	1,666	17	16	15
54	25	11	1	.....	.....	3,530	19	18	19
498	17	3	.....	2	.....	3,222	10	9	10
15	56	14	1	3	.....	6,832	24	19	24
270	16	9	.....	.....	4	16,690	60	60	60
103	30	11	.....	2	.....	2,475	22	18	20

Digitized by Google

SUMMARY OF FACTORIES AND WORKSHOPS

INSPECTED IN 1917 AND COMPARISON WITH THE INSPECTION OF 1916.

Number factories and workshops inspected in 1917	14,262
Number factories and workshops inspected in 1916	14,229
Showing an increase of 33 factories and workshops.	
No. men employed as superintendents in 1917	15,034
No. men employed as superintendents in 1916	15,685
Showing a decrease of 651 superintendents.	
Average daily wages paid superintendents in 1917	5.97
Average daily wages paid superintendents in 1916	5.88
Showing an increase of 9c per day.	
No. foremen employed in 1917	16,867
No. foremen employed in 1916	16,685
Showing an increase of 177 foremen.	
Average daily wages paid foremen in 1917	4.72
Average daily wages paid foremen in 1916	4.20
Showing an increase of 52c per day.	
No. boys under 16 employed in 1917	1,203
No. boys under 16 employed in 1916	1,104
Showing an increase of 113 boys employed.	
Average daily wages paid boys under 16 in 1917	1.42
Average daily wages paid boys under 16 in 1916	1.17
Showing an increase of 29c per day.	
No. boys between 16 and 18 employed in 1917	6,911
No. boys between 16 and 18 employed in 1916	5,783
Showing an increase of 121 boys employed.	
Average daily wages paid boys between 16 and 18 in 1917	1.86
Average daily wages paid boys between 16 and 18 in 1916	1.60
Showing an increase of 36c per day.	
No. men over 18 employed in office in 1917	21,777
No. men over 18 employed in office in 1916	21,155
Showing an increase of 622 men in office.	
Average daily wages paid men in office in 1917	4.24
Average daily wages paid men in office in 1916	3.82
Showing an increase of 42c per day.	
No. men over 18 employed on skilled labor in 1917	216,440
No. men over 18 employed on skilled labor in 1916	206,655
Showing an increase of 8,785 men employed.	
Average daily wages paid men over 18 on skilled labor in 1917	3.85
Average daily wages paid men over 18 on skilled labor in 1916	3.28
Showing an increase of 57c per day.	
No. other men over 18 employed in 1917	201,889
No. other men over 18 employed in 1916	216,506
Showing a decrease of 14,717.	
Average daily wages paid other men over 18 in 1917	2.95
Average daily wages paid other men over 18 in 1916	2.49
Showing an increase of 46c per day.	
No. women employed as superintendents in 1917	761
No. women employed as superintendents in 1916	765
Showing a decrease of 4 women employed as superintendents.	

Digitized by Google

Average daily wages paid women employed as superintendents in 1917	2.54
Average daily wages paid women employed as superintendents in 1916.	2.50
Showing an increase of 4c per day.	
No. foreladies employed in 1917	1,296
No. foreladies employed in 1916	854
Showing an increase of 442 foreladies employed.	
Average daily wages paid foreladies in 1917	2.27
Average daily wages paid foreladies in 1916	2.12
Showing an increase of 15c per day.	
No. girls under 16 employed in 1917	433
No. girls under 16 employed in 1916	550
Showing a decrease of 117 girls under 16.	
Average daily wages paid girls under 16 in 1917	1.15
Average daily wages paid girls under 16 in 1916	1.01
Showing an increase of 14c per day.	
No. women over 16 employed in office in 1917	16,930
No. women over 16 employed in office in 1916	13,929
Showing an increase of 3,001 women in office.	
Average daily wages paid women over 16 in office in 1917	2.12
Average daily wages paid women over 16 in office in 1916	1.95
Showing an increase of 17c per day.	
No. other women over 16 employed in 1917	56,592
No. other women over 16 employed in 1916	56,506
Showing an increase of 86 other women employed.	
Average daily wages paid other women over 16 in 1917	1.67
Average daily wages paid other women over 16 in 1916	1.45
Showing an increase of 22c per day.	
Whole number employed in 1917	556,057
Whole number employed in 1916	556,177
Showing a decrease of 120.	
Average daily wages paid in 1917	3.26
Average daily wages paid in 1916	2.78
Showing an increase of 48c per day.	
Aggregate daily wages paid in 1917	1,775,855.86
Aggregate daily wages paid in 1916	1,512,983.58
Showing an increase of $62,872.28.	

Digitized by Google

NUMBER PERSONS EMPLOYED, HOURS WORKED, MINIMUM AND MAXIMUM NUMBER EMPLOYED, POWER STATISTICS, ETC.

Number inspections made in factories and workshops	14,262
Number men under 18 employed	8,114
Number men over 18 employed in office	21,777
Number all other men employed	450,154
Number women employed	76,012
Whole number employed	556,057
Average hours boys under 18 work per week	52.4
Average hours men over 18 in offices work per week	49.2
Average hours all other men work per week	54.7
Average hours women work per week	50.3
Minimum number employed during year	483,614
Maximum number employed during year	687.967

Months operating at a minimum capacity:

January	1,721	July	1,299
February	1,688	August	1,211
March	1,115	September	658
April	752	October	587
May	709	November	751
June	934	December	1,316

Months operating at a maximum capacity:

January	1,066	July	1,534
February	1,085	August	1,579
March	1,401	September	1,887
April	1,716	October	1,908
May	1,804	November	1,721
June	1,685	December	1,350

Number accidents occurring during year	578,072

Kind of power used:

Electricity	6,342
Steam	2,737
Gasoline	1,171
Water	233

Estimated strength in H. P.	1,358,766
Number boilers used	6,412
Number boilers insured	5,527
Number boilers equipped with low water alarms	6,146

Digitized by Google

STORE INSPECTION

Digitized by Google

Digitized by Google

INSPECTION OF STORES

List of establishments inspected in 1917, showing date of inspection, name of firm, location, nature of business and number of persons employed.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	ALCONA COUNTY.					
Aug. 18	Fuqua, C. Bruce	Harrisville	Drugs	1	1	2
Aug. 18	Green Brothers	Harrisville	Groceries	4	.....	4
Aug. 18	Yockey, Chris & Sons	Harrisville	Hardware	4	.....	4
Aug. 17	Cash Store, The	Lincoln	General merchandise	1	.....	1
Aug. 17	Coheen, E.	Lincoln	General merchandise	2	.....	2
Aug. 17	Lincoln Mercantile Co.	Lincoln	General merchandise	2	.....	2
Aug. 17	Cowie, W. A.	Mikado	Groceries	2	2	4
Aug. 17	Kahn, Joseph J.	Mikado	General merchandise, etc.	3	1	4
	ALGER COUNTY.					
May 7	Brown, C. C.	Chatham	General merchandise	1	1	2
May 7	Gatiss, J. H.	Chatham	General merchandise	3	.....	3
May 7	Levy's Cash Grocery	Chatham	Groceries	2	.....	2
May 7	Brown, C. E.	Eben	Groceries	1	.....	1
May 11	Bissell & Stebbins	Munising	Hardware	4	1	5
May 9	Bowerman, William W.	Munising	Furniture	2	.....	2
May 11	Chudacoff, I. J.	Munising	Dry goods and clothing	2	1	3
May 11	Flye, W. C.	Munising	Hardware	2	.....	2
May 11	Hankin & Osser	Munising	Groceries	4	.....	4
May 11	Lennox, W. A.	Munising	Groceries	4	.....	4
May 9	Marks, Sam	Munising	Dry goods and clothing	3	1	4
May 11	Savings Bank Store, The	Munising	Dry goods, etc.	3	2	5
May 8	Saulson, I. & Co.	Munising	Dry goods and clothing	2	2	4
May 8	Walters Cash Grocery, The	Munising	Groceries	5	1	6
May 11	Crawford Brothers	Rumely	Groceries	1	.....	1
	ALLEGAN COUNTY.					
Oct. 3	Allegan Hardware Supply Co., The	Allegan	Hardware	2	.....	2
Oct. 3	Bakers Drug Store	Allegan	Drugs	2	1	3
Oct. 3	Burgess, D. E.	Allegan	Dry goods, etc.	4	4	8
Oct. 3	Fouch, W. H.	Allegan	Drugs	2	.....	2
Oct. 3	Goodman & Akom Co.	Allegan	Groceries	4	.....	4
Oct. 3	Grange Store, The	Allegan	Dry goods, etc.	13	5	18
Oct. 3	Green, F. H.	Allegan	Groceries	3	1	4
Oct. 3	McLaughlin Brothers	Allegan	Groceries	3	.....	3
Oct. 3	Marty & Wise Co.	Allegan	Groceries	3	2	5
Oct. 3	Model, The	Allegan	Shoes	3	.....	3
Oct. 3	Peters, A.	Allegan	Notions	1	2	3
Oct. 3	Stern & Griswold Co.	Allegan	Dry goods, etc.	6	5	11
Oct. 3	Stern, G. & Co.	Allegan	Clothing	3	.....	3
Oct. 3	Tripp, Burrell	Allegan	Dry goods, etc.	14	7	21
Sept. 29	Allen, Edgar S.	Bradley	General merchandise	2	.....	2
Sept. 27	De Jongh, C. & A.	Burnips Corners	General merchandise	3	.....	3
Sept. 27	Kranenberg, John	Burnips Corners	General merchandise	1	1	2
Sept. 27	De Jongh & Clouse Co.	Dorr	General merchandise	2	.....	2
Sept. 27	Hick & Thayer	Dorr	General merchandise	2	1	3
Sept. 17	McDonald & Ellis	Douglass	General merchandise	2	1	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	ALLEGAN CO.—*Con.*					
Sept. 17	McDonald, L. W	Douglass	General merchandise	2	.....	2
Sept. 18	Klies, William	Felmore	General merchandise	2	.....	2
Sept. 19	Dickinson, L. S	Fennville	General merchandise	1	1	2
Sept. 19	Hutchinson, Claude	Fennville	General merchandise	4	.....	4
Sept. 19	Joslin, L. A	Fennville	Groceries	2	1	3
Sept. 18	Shiffert, W. E	Fennville	General merchandise	3	2	5
Sept. 18	Heneveld & Reimink	Graafschap	General merchandise	3	.....	3
Sept. 18	Tien & Rutgers Co	Graafschap	General merchandise	3	1	4
Sept. 18	Boer, Henry K	Hamilton	General merchandise	2	1	3
Sept. 18	Kronemeyer & Schutmaat	Hamilton	General merchandise	2	2	4
Oct. 2	Adams, L. J	Hopkins	General merchandise	2	.....	2
Oct. 2	Baxter, J. & Son	Hopkins	General merchandise	2	1	3
Oct. 2	Dendel's Department Store	Hopkins	General merchandise	2	1	3
Oct. 2	Watkins, F. B	Hopkins	General merchandise	3	2	5
Sept. 29	Fenner Brothers & Co	Martin	General merchandise	3	1	4
Sept. 27	Haveman Brothers	Martin	General merchandise	3	1	4
Sept. 27	Rose, T. B. & Son	Martin	General merchandise	1	.....	1
Oct. 6	Collins, J. A	Otsego	General merchandise	2	1	3
Oct. 6	Eaton, Ray C	Otsego	Drugs	3	.....	3
Oct. 6	Gamble & Newman	Otsego	Clothing and shoes	2	.....	2
Oct. 6	Ingraham, F	Otsego	Groceries	3	.....	3
Oct. 6	Kohlenstein Brothers	Otsego	Dry goods, etc	2	1	3
Oct. 6	Pipp, C. E	Otsego	Hardware	2	.....	2
Oct. 6	Rathbun, C. R	Otsego	Jewelry	3	.....	3
Oct. 6	Schuster, C. F	Otsego	Dry goods	2	1	3
Oct. 6	Tubbs, Fred	Otsego	Hardware	2	.....	2
Oct. 8	Hambleton & Son	Plainwell	Clothing and shoes	2	.....	2
Oct. 9	Huntley & Honeysett	Plainwell	Groceries	2	1	3
Oct. 9	Lasher, Charles W	Plainwell	Groceries	2	1	3
Oct. 9	Smith Mercantile Co	Plainwell	General merchandise	2	2	4
Oct. 9	Wagner, J. D	Plainwell	Dry goods, etc	1	1	2
Oct. 9	Woodhams, W. W	Plainwell	General merchandise	2	1	3
Sept. 19	Goodwin & Pickitt	Pullman	General merchandise	2	1	3
Sept. 19	H. T. S. Store, The	Pullman	General merchandise	3	1	4
Sept. 17	Goshorn, George W	Saugatuck	Dry goods and clothing	1	2	3
Sept. 17	Leland's Department Store Co	Saugatuck	General merchandise	3	2	5
Sept. 18	Lubbers, John	Saugatuck	General merchandise	3	2	5
Sept. 27	Beall Brothers	Wayland	General merchandise	3	2	5
Sept. 27	Longstreet, P. J	Wayland	General merchandise	3	.....	3
Sept. 27	Shattuck, D. W	Wayland	General merchandise	.....	2	2
	ALPENA COUNTY.					
Aug. 6	Adam's Book Store	Alpena	Books, etc	3	.....	3
Aug. 8	Alpena Hardware Co	Alpena	General hardware	6	.....	6
Aug. 7	Benning, Julius	Alpena	Groceries	1	.....	1
Aug. 6	Bertrand, J. L	Alpena	Clothing	3	.....	3
July 31	Brady, William	Alpena	Groceries	2	.....	2
Aug. 7	Buelow, Charles A. & Co	Alpena	Groceries	3	.....	3
Aug. 2	Cohen Department Store, The	Alpena	Dry goods, etc	9	11	20
Aug. 2	Cohen, M. A	Alpena	Dry goods, etc	7	1	8
Aug. 2	Cronins & Co	Alpena	Dry goods, etc	11	17	28
July 25	Dequoy, Alfred	Alpena	Drugs, etc	3	.....	3
Aug. 4	Ecie & Jebere	Alpena	Dry goods and groceries	2	.....	2
Aug. 10	Flewelling, Harvey	Alpena	Groceries	3	.....	3
Oct. 23	Fradette, Alfred	Alpena	Second hand goods	2	.....	2
Aug. 10	Gately Co., The	Alpena	Clothing and furniture	4	3	7
July 25	Gliniecki, A. J	Alpena	Groceries	4	.....	4

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	ALPENA CO.—*Con.*					
Oct. 23	Hawley & Fitzgerald	Alpena	Dry goods	4	14	18
Aug. 6	Hickey & Hagle	Alpena	Groceries	3	.....	3
July 30	Howe & McDonald	Alpena	Music	3	.....	3
Aug. 6	Isackson, Sam	Alpena	Shoes and rubbers	1	.....	1
Aug. 7	Joseph Brothers	Alpena	Groceries	3	.....	3
Aug. 13	Kieliszewski, Joseph F	Alpena	Groceries	2	.....	2
July 25	Kierst, E. W	Alpena	Hardware	1	1	2
July 25	Kindsearski, A. F	Alpena	Groceries and clothing	4	.....	4
July 25	Kotwicki, Phillip	Alpena	Clothing and shoes	2	.....	2
Aug. 4	La Londe, E. J	Alpena	Drugs	3	.....	3
Aug. 6	La Londe, N. J	Alpena	Shoes and rubbers	5	.....	5
Aug. 6	MacAlpine Shoe Co	Alpena	Shoes and rubbers	2	.....	2
July 26	McGillis, R. L	Alpena	Cigars	2	.....	2
July 31	McHarg, R. & Co	Alpena	General merchandise	4	1	5
Aug. 3	McKim, C. H	Alpena	Groceries	2	1	3
Oct. 26	McLennon, D. D	Alpena	Groceries	1	.....	1
Aug. 6	Martinson Co., The	Alpena	Clothing	2	.....	2
Aug. 6	Masters, George & Sons	Alpena	Shoes	3	.....	3
Aug. 6	Masters & Thorne	Alpena	Clothing	3	.....	3
Aug. 3	Muellerweiss, John J	Alpena	Groceries	2	1	3
Aug. 7	Neuman, E. G	Alpena	Groceries	2	1	3
Aug. 14	Niewola, Frank A	Alpena	Groceries	2	1	3
July 27	O'Callaghan Brothers	Alpena	Drugs	2	.....	2
Aug. 6	Olds, Fred L	Alpena	Clothing	2	.....	2
July 27	Polsin, Robert	Alpena	Groceries	5	.....	5
Aug. 6	Raddatz-Fockler & Co	Alpena	Hardware and paints	3	.....	3
Aug. 7	Reynolds, C. H. Estate	Alpena	Jewelry	3	.....	3
Aug. 13	Runnels, J. C	Alpena	Groceries	2	.....	2
July 30	Ryan, M. W	Alpena	Cigars, etc	3	.....	3
July 27	Sepull Pharmacy	Alpena	Drugs	4	1	5
Aug. 1	Spence, C. C	Alpena	Drugs	3	.....	3
Aug. 1	Spence, W. C	Alpena	Groceries	1	.....	1
Aug. 7	Spens, James A	Alpena	Drugs	2	.....	2
Oct. 27	Stafford's	Alpena	Clothing	3	.....	3
Aug. 1	Stewart, T. W	Alpena	Groceries	2	.....	2
Aug. 11	Swalow, Joseph	Alpena	Hardware	2	.....	2
Aug. 10	Szczukowski, Julius	Alpena	Groceries	3	.....	3
July 25	Szczukowski, J. S	Alpena	Groceries	3	.....	3
Aug. 13	Tulian, A. J	Alpena	Jewelry	2	1	3
Aug. 1	Wesson, E. L	Alpena	Bicycles and guns	1	.....	1
July 14	Woelk, William F	Alpena	Groceries	2	1	3
Oct. 23	Woolworth, F. W. Co	Alpena	5 and 10 cent merchandise	2	10	12
Aug. 6	Young, B. R. Hardware Co	Alpena	General hardware	5	.....	5
Aug. 7	Zadow, Gust	Alpena	Groceries	2	1	3
Aug. 7	Zemke, Bernard M	Alpena	Groceries	2	.....	2
	ANTRIM COUNTY.					
April 23	Osterrout, C. E	Alba	Groceries	2	.....	2
April 23	Saperston, I	Alba	Clothing, shoes, etc	2	.....	2
April 13	Frank, A. E	Bellaire	Dry goods	1	1	2
April 13	Large, A. B	Bellaire	Drugs, etc	2	.....	2
April 13	Nixon, W. J	Bellaire	Groceries	2	.....	2
April 13	Richards, H. L	Bellaire	Groceries	3	.....	3
April 13	Weffenbach, Charles Co	Bellaire	Provisions	2	.....	2
April 10	Fessenden, F. J	Central Lake	Drugs	3	.....	3
April 11	Smallegan, Smith & Co	Central Lake	General merchandise	3	3	6
April 11	Thurston & Co	Central Lake	General merchandise	4	1	5
April 20	Butts, M. E	Elk Rapids	Drugs	3	2	5

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	ANTRIM CO.—*Con*					
April 20	Hogan, Thomas J	Elk Rapids	Groceries	3	.....	3
April 20	Marriott, F. H	Elk Rapids	Drugs	2	.....	2
April 20	Wilson, A. P	Elk Rapids	Groceries	3	.....	3
April 12	Klooster, George & Son	Ellsworth	General merchandise	2	2	4
April 25	Clugg & Schroeder	Mancelona	General merchandise	2	2	4
April 25	Medalie, N	Mancelona	General merchandise	3	2	5
	ARENAC COUNTY.					
Aug. 10	Cole-Grinmore Mercantile Co	AuGres	General merchandise	2	.....	2
Aug. 10	Cole Sproule Hardware Co	AuGres	General merchandise	2	.....	2
Aug. 10	Daugherty's Department Store	AuGres	General merchandise	1	.....	1
Aug. 10	Schaiberger, W. H	AuGres	General merchandise	1	1	2
Aug. 10	Holland, B. S	Omer	General merchandise	1	.....	1
Aug. 10	Mead, J. K	Omer	General merchandise	1	1	2
Aug. 10	Monroe, A. C	Omer	Groceries	1	.....	1
Aug. 15	Bernthal, Otto Co	Standish	General merchandise	3	3	6
Aug. 15	Blumenthal, Harry	Standish	General merchandise	2	.....	2
Aug. 15	Forsyth & Downer	Standish	Drugs	2	.....	2
Aug. 15	Gidley, W. R	Standish	General merchandise	1	.....	1
Aug. 15	Grier, George	Standish	Groceries	2	1	3
Aug. 15	Hardy Music Co., The	Standish	Pianos, etc	3	.....	3
Aug. 15	Pomeroy, W. N	Standish	General merchandise	2	.....	2
Aug. 16	Schlanger, Harry	Standish	Dry goods	2	2	4
Aug. 16	Ames, Jay	Sterling	General merchandise	1	1	2
Aug. 16	Brundage, H. A. & Co	Sterling	Furniture	1	.....	1
Aug. 16	Pomeroy, W. N. & Son	Sterling	Farm implements	2	.....	2
Aug. 16	Vogel, M. A	Sterling	General merchandise	4	1	5
Aug. 16	Collins, M. O. & Son	Turner	Hardware	3	.....	3
Aug. 10	Eymer, Roy P	Turner	General merchandise	1	1	2
Aug. 10	Kelly & Whitehouse	Turner	General merchandise	2	1	3
Aug. 10	Kelly & Whitmore	Turner	Ice cream	2	1	3
Aug. 10	Scott, Mrs. C. A	Turner	General merchandise	.....	1	1
Aug. 10	Kelly, George T	Twining	General merchandise	2	1	3
Aug. 10	Kennedy's Pharmacy	Twining	Drugs	1	.....	1
	BARAGA COUNTY.					
Aug. 29	Berg, Amelia	Baraga	Groceries	2	1	3
Aug. 29	Cameron, Charles, Sr	Baraga	Groceries, etc	1	1	2
Aug. 29	Cohl, Ben	Baraga	General merchandise	2	.....	2
Aug. 29	Gauthier, Alphonse	Baraga	General merchandise	3	.....	3
Aug. 29	Kits, William & Co	Baraga	General merchandise	2	.....	2
Aug. 27	Cohl, Joseph	L'Anse	General merchandise	2	.....	2
Aug. 27	Johnston, Henry A	L'Anse	Groceries	3	.....	3
Aug. 27	Paquette Cash Grocery	L'Anse	Groceries	3	.....	3
Aug. 27	Smith, J. B	L'Anse	General merchandise	2	.....	2
Aug. 28	Hebard, Charles & Sons, Inc	Pequaming	General merchandise	6	.....	6
	BARRY COUNTY.					
Sept. 6	Larsen, A. J. Co	Hastings	Dry goods	1	3	4
Sept. 6	Weickgenant & Riede	Hastings	General merchandise, etc	2	4	6
	BAY COUNTY.					
Sept. 18	Auburn Pharmacy	Auburn	Drugs	1	.....	1
Sept. 18	Fenwick, Thomas H	Auburn	Groceries	2	.....	2
Sept. 18	Nuffer, John M	Auburn	General merchandise	2	.....	2
Sept. 18	Widmer, J. C	Auburn	Hardware and groceries	2	.....	2
Sept. 8	Alert Pipe & Supply Co	Bay City	Mill supplies	18	3	21

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	BAY CO.—*Con.*					
Sept. 5	Bay City Cash Dry Goods Co	Bay City	Dry goods, etc	5	22	27
Sept. 7	Billings Lantee Co	Bay City	5 and 10 cent goods	.....	7	7
Sept. 7	Cook, H. A	Bay City	General merchandise	.....	2	2
Sept. 25	Durocher, G. J	Bay City	Meats and groceries	1	.....	1
Sept. 4	Feingarten Art Rooms	Bay City	Umbrellas, etc	2	1	3
Sept. 7	Ford & Simon	Bay City	Clothing, etc	3	1	4
Sept. 7	Ford & Simon	Bay City	Clothing, etc	4	1	5
Sept. 8	Frank, George J	Bay City	Hardware	5	1	6
Sept. 5	Gardiner, E. L. Co	Bay City	Notions	2	7	9
Sept. 7	Gately's	Bay City	Clothing	3	2	5
Dec. 11	Grand Union Tea Co	Bay City	Tea, coffee, etc	4	.....	4
Sept. 7	Grinnell Brothers	Bay City	Music	10	5	15
Sept. 7	Goets Department Store	Bay City	General merchandise, etc	.....	6	6
Sept. 4	Hankow Tea Co	Bay City	Tea and coffee	1	1	2
Sept. 8	Hawley Dry Goods Co., The	Bay City	Dry goods, etc	14	33	47
Sept. 5	Jennison Hardware Co	Bay City	Hardware, etc	47	4	51
Sept. 5	Kresge, S. S. Co	Bay City	5 and 10 cent goods	3	25	28
Sept. 4	Liberal Clothing Store	Bay City	Clothing	2	2	4
Sept. 6	Louis Drug Co	Bay City	Drugs	7	3	10
Sept. 7	McRae, Reed & Co	Bay City	Wholesale groceries	7	2	9
Sept. 7	Manassa, E. E	Bay City	Books, etc	.....	2	2
Sept. 7	Mohr, Hardware & Furniture Co	Bay City	Hardware and furniture	21	1	22
Sept. 7	Oppenheim, L. E. & Co	Bay City	Clothing, etc	16	6	22
Sept. 5	Oxford Shop	Bay City	Art goods	1	1	2
Sept. 5	Peoples' Credit Store	Bay City	General merchandise, etc	2	2	4
Sept. 6	Pigott Brothers	Bay City	Furniture and hardware	1	2	3
Sept. 7	Rechlin Hardware Co	Bay City	Hardware	11	.....	11
Sept. 21	Robinson, Samuel	Bay City	General merchandise	1	.....	1
Sept. 7	St. Laurent Brothers	Bay City	Peanut butter	4	3	7
Sept. 6	Seitner Dry Goods Co., The	Bay City	Dry goods	2	14	16
Sept. 5	Shannon's	Bay City	Clothing	1	2	3
Sept. 4	Smith, Peter & Sons	Bay City	Groceries	2	.....	2
Sept. 4	Smith, Peter & Sons	Bay City	Groceries	1	2	3
Sept. 4	Smith, Peter & Sons	Bay City	Groceries	1	.....	1
Sept. 4	Smith, Peter & Sons	Bay City	Groceries	9	5	14
Sept. 4	Smith, Peter & Sons	Bay City	Groceries	16	3	19
Sept. 4	Smith, Peter & Sons	Bay City	Groceries	2	.....	2
Sept. 4	Smith, Peter & Sons	Bay City	Groceries	1	.....	1
Sept. 7	Thompson, Jay Co	Bay City	General merchandise	3	18	21
Sept. 8	Thorn Electric Co	Bay City	Electrical supplies	18	.....	18
Aug. 5	Wald, E. A	Bay City	Corsets	.....	3	3
Sept. 7	Walsh & Sons	Bay City	General merchandise	2	1	3
Sept. 8	Walther's Department Store	Bay City	Dry goods, etc	28	37	65
Sept. 6	Wendland, H. G. & Co	Bay City	Dry goods, etc	30	71	101
Sept. 5	Wilton & Mack	Bay City	Books, etc	3	2	5
Sept. 5	Woolworth, F. W	Bay City	5 and 10 cent goods	3	13	16
Sept. 5	Wright, A. E	Bay City	Confectionery	.....	3	3
Oct. 9	Little, F. J	Bentley	General merchandise	2	.....	2
Oct. 9	Morden, G. H	Bentley	General merchandise	2	1	3
Oct. 9	Pelton, James	Bentley	Hardware	2	.....	2
Oct. 9	Whitney, G. R	Bentley	Drugs	1	.....	1
Sept. 21	Kramer, August	Brooks	Groceries	1	.....	1
Sept. 21	Deyoungs, James	Frankenlust	Groceries	1	.....	1
Sept. 12	Ballor, F. D	Linwood	Meats and groceries	2	.....	2
Sept. 12	Boyle, T. R	Linwood	Hardware	2	.....	2
Sept. 12	Harris, O. J. & Brother	Linwood	General merchandise	1	.....	1
Sept. 12	Lambert, J. J. Estate	Linwood	General merchandise	2	2	4
Sept. 12	Senay, W. A	Linwood	General merchandise	1	.....	1
Sept. 10	Kern, B. M	Munger	General merchandise	1	.....	1
Aug. 17	Harris, J. B	Pinconning	Hardware	3	.....	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	BAY CO.—*Con.*					
Aug. 17	Jenks, Avery I	Pinconning	Hardware	3	.....	3
Aug. 17	Klumpp's Store	Pinconning	Meats and groceries	6	.....	6
Aug. 17	Mansfield, H. E	Pinconning	Groceries	3	.....	3
Aug. 17	Morris' Department Store	Pinconning	General merchandise	1	1	2
Aug. 17	Tremlin, J. M	Pinconning	General merchandise	1	1	2
	BENZIE COUNTY.					
Dec. 10	Mc Lean & Son	Bendon	General merchandise	2	1	3
Dec. 7	Judson, E. B	Benzonia	General merchandise	3	1	4
Dec. 7	Knight, A. E	Beulah	General merchandise	2	.....	2
Oct. 1	Collins, Roy	Frankfort	Drugs	3	.....	3
Oct. 1	Fredrick-Sayles Co	Frankfort	Groceries	5	1	6
Oct. 2	Snider, B. W	Frankfort	School supplies	1	1	2
Oct. 2	Woodward, J. H	Frankfort	Clothing and shoes	2	.....	2
Dec. 1	Case, A. B. Co., The	Honor	General merchandise	2	1	3
Dec. 1	Conklin, Frank	Honor	Hardware	2	.....	2
Sept. 29	Calif Mercantile Co	Thompsonville	Groceries	2	1	3
Sept. 29	Chattaway, A. R	Thompsonville	Groceries and dry goods	1	1	2
Sept. 29	City Drug Store	Thompsonville	Drugs	1	1	2
Sept. 29	Karcher, M. T	Thompsonville	Drugs	2	.....	2
Sept. 29	Smith, John	Thompsonville	Groceries	1	1	2
Sept. 29	Stockhill, George O	Thompsonville	Groceries	2	1	3
	BERRIEN COUNTY.					
Nov. 12	Enders Co., The	Benton Harbor	Dry goods, etc	2	19	21
Oct. 12	Hipp, Enders & Avery	Benton Harbor	Clothing	7	1	8
Nov. 12	Johnson & Hayden	Benton Harbor	Dry goods, etc	.....	1	1
Nov. 12	Morris 5 and 10 Cent Store, The	Benton Harbor	5 and 10 cent goods	2	9	11
Nov. 12	Olympia Candy Works	Benton Harbor	Confectionery	4	2	6
Nov. 12	Red Cross Drug Co	Benton Harbor	Drugs	3	1	4
Nov. 12	Siegan's	Benton Harbor	Ladies' apparel	1	1	2
Nov. 12	Trick Brothers	Benton Harbor	5 and 10 cent goods	3	20	23
Nov. 12	Townsend Cash Co., The	Benton Harbor	Clothing	7	1	8
Nov. 12	Waite, W. S	Benton Harbor	Furniture	1	7	8
Nov. 12	Young, Charles L. & Co	Benton Harbor	General merchandise	14	14	28
Nov. 21	Arney, J. E	Buchanan	Groceries	3	2	5
Nov. 21	Boardman, D. L	Buchanan	Dry goods	1	3	4
Nov. 21	Desenberg, B. R. & Brother	Buchanan	Dry goods, shoes, etc	3	2	5
Nov. 13	Forler, John	Niles	Groceries	5	1	6
Nov. 15	Fox's Cash Dry Goods Store	Niles	Dry goods	2	1	3
Nov. 13	Henkel Brothers	Niles	Dry goods	2	4	6
Nov. 13	Laberteaux, H. R	Niles	Groceries	2	1	3
Nov. 13	Meyers' Five and Ten Cent Store	Niles	5 and 10 cent goods	2	6	8
Nov. 13	Montague, C. M	Niles	Hardware	5	1	6
Nov. 13	Paris Candy Works Co., The	Niles	Candy	2	1	3
Nov. 13	Quimby, Charles S. & Co	Niles	Dry goods	1	2	3
Oct. 9	Ankli, Frank	St. Joseph	Groceries	8	1	9
Nov. 9	Baitinger & Kingsley Co	St. Joseph	Furniture	6	1	7
Nov. 9	Church, W. B	St. Joseph	Dry goods	2	2	4
Oct. 9	Dickenson Hardware Co	St. Joseph	Hardware	2	1	3
Nov. 9	Gast Drug Co	St. Joseph	Drugs	5	1	6
Oct. 9	Lopker Brothers	St. Joseph	Clothing	9	1	10
Nov. 9	McAllister, T. H. Co	St. Joseph	Dry goods	2	6	8
Nov. 12	Rice Brothers	St. Joseph	Groceries	7	1	8
Oct. 9	Richter & Achterberg	St. Joseph	Hardware	4	1	5
Nov. 9	Rimes & Hildebrand	St. Joseph	Dry goods, etc	4	10	14
Oct. 9	St. Joseph 5 and 10 Cent Store	St. Joseph	5 and 10 cent goods	2	4	6
Nov. 9	St. Joseph Music Co	St. Joseph	Music, etc	2	1	3
Nov. 9	Shepard & Bennings Co	St. Joseph	Ladies' apparel	1	13	14
Nov. 9	Trick Brothers	St. Joseph	5 and 10 cent goods	2	8	10
Nov. 22	Warren Featherbone Co., The	Three Oaks	General merchandise	19	8	27

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	BRANCH COUNTY.					
Dec. 29	Branch, J. B. & Co	Coldwater	Dry goods	7	23	30
Dec. 29	Burkheiser & Fletcher	Coldwater	Clothing	3	.....	3
Dec. 29	Clark, E. R. & Co	Coldwater	Drugs and groceries	10	3	13
Dec. 29	Hilton, T. A	Coldwater	Clothing	5	1	6
Dec. 29	McCort, W. H	Coldwater	Dry goods	2	4	6
Dec. 29	Milnes Supply Co., The	Coldwater	Provisions	15	7	22
Dec. 28	Sloman & Gruner	Coldwater	Clothing	3	.....	3
Dec. 29	Tribolet Co., The	Coldwater	5 and 10 cent goods	1	4	5
Dec. 29	Tuttle, W. B	Coldwater	Furniture	4	1	5
Dec. 29	Wise Department Store, The	Coldwater	General merchandise	2	3	5
Dec. 29	Woodward & Sons	Coldwater	Dry goods	4	10	14
	CALHOUN COUNTY.					
Nov. 16	Albion Confectionery, The	Albion	Candy and ice cream	3	1	4
Nov. 16	Austin, Fred W	Albion	Dry goods	2	5	7
Nov. 15	Baumgardners' 5 and 10 Cent Store	Albion	5 and 10 cent goods	2	2	4
Nov. 16	Bullen, George T	Albion	Dry goods	5	15	20
Nov. 15	Franklin, B. C	Albion	Groceries	2	.....	2
Nov. 16	Hahn Brothers	Albion	Clothing and shoes	2	.....	2
Nov. 15	Ludwig, B. E	Albion	General merchandise	2	5	7
Nov. 16	Martin's Grocery	Albion	Groceries	1	2	3
Nov. 16	Rosenthal, A. & H	Albion	Dry goods	2	2	4
Nov. 15	Schneider, G. W	Albion	Clothing	2	.....	2
Nov. 16	Smith, A. R	Albion	Drugs	2	2	4
Nov. 16	Tucker, C. S. & Co	Albion	Dry goods	1	7	8
Nov. 15	Wochholz & Gress	Albion	Groceries	6	.....	6
Nov. 16	Wochholz & Pahl	Albion	Clothing, etc	2	.....	2
Nov. 1	Ambery & Murphy Drug Co	Battle Creek	Drugs, etc	3	2	5
Nov. 3	Arcade Hair Dressing Parlors	Battle Creek	Hair goods, etc	.....	5	5
Oct. 31	Austin & Co	Battle Creek	Glassware, etc	3	4	7
Oct. 31	Bock-Walker Co	Battle Creek	Hardware	9	8	17
Oct. 31	Bolster, R. J. Co	Battle Creek	Clothing	.....	9	9
Oct. 29	Brockett, L. B. & Sons	Battle Creek	Hardware	6	1	7
Oct. 29	Cable Piano Co	Battle Creek	Pianos, music, etc	7	1	8
Oct. 31	Centner, Charles W	Battle Creek	Clothing	2	10	12
Nov. 3	Darlington & Co	Battle Creek	Sheet metal	4	1	5
Oct. 31	Dean Linen Co	Battle Creek	Needlework, etc	.....	5	5
Nov. 3	Emerson Truck & Storage Co	Battle Creek	Trucking, etc	19	1	20
Oct. 31	Fisher, E. C. Co	Battle Creek	Books, etc	6	7	13
Oct. 31	Gately's	Battle Creek	Clothing	1	3	4
Oct. 31	Holly Heiman, Inc	Battle Creek	Ladies' apparel	1	3	4
Oct. 31	Hubbard-Howell Electric Co	Battle Creek	Electrical supplies	2	1	3
Oct. 29	Jury-Rowe Co., The	Battle Creek	Furniture	13	2	15
Oct. 30	Klein's	Battle Creek	Ladies' apparel	1	13	14
Oct. 29	Kresge, S. S	Battle Creek	5 and 10 cent goods	6	33	39
Oct. 31	La Vogue	Battle Creek	Ladies' apparel	.....	4	4
Nov. 1	Livingston, M. & Co	Battle Creek	Clothing	2	2	4
Nov. 3	Nichols, Charles	Battle Creek	Upholstering	6	1	7
Oct. 31	Peoples Outfitting Co	Battle Creek	Furniture	6	1	7
Nov. 5	Redner & Cortwright Paper Co	Battle Creek	Paper	3	2	5
Oct. 31	Roat, Charles E	Battle Creek	Music	5	5	10
Nov. 15	Robinson, L. W	Battle Creek	Dry goods	6	31	37
Oct. 31	Schroeder Brothers Co., Inc	Battle Creek	Dry goods, etc	11	34	45
Oct. 31	Seaman's	Battle Creek	Ladies' apparel	.....	6	6
Nov. 3	Snyder, R. W	Battle Creek	Extracts, etc	6	1	7
Oct. 31	Sterling Brothers Co	Battle Creek	Dry goods, etc	5	9	14
Nov. 5	Toiller-Grant Co	Battle Creek	Dry goods, etc	19	56	75
Nov. 3	Tuckerman, M. O	Battle Creek	Meats	1	3	4

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	CALHOUN CO.—*Con.*					
Oct. 31	Turner Furniture Co	Battle Creek	Furniture	6	1	7
Nov. 5	Warburton, C. C	Battle Creek	Flowers	1	3	4
Oct. 31	Woolworth, F. W. Co	Battle Creek	5 and 10 cent goods	3	24	27
Nov. 9	Bliss, B. A	Marshall	Groceries	1	2	3
Nov. 9	Cronin, H. L	Marshall	Groceries	3	.....	3
Nov. 9	Cronin, Jay H	Marshall	Dry goods	2	3	5
Nov. 9	Deuel, Francis S	Marshall	Clothing	2	.....	2
Nov. 9	Kelser, H. G	Marshall	Furniture	3	.....	3
Nov. 9	Larson Co., The	Marshall	5 and 10 cent store	1	2	3
Nov. 9	Perritt, George & Son	Marshall	Dry goods	2	3	5
Nov. 9	Shear's New York Store	Marshall	Dry goods, etc	1	2	3
Nov. 5	Sherwood, W. A	Marshall	5 and 10 cent goods	1	2	3
Nov. 9	Smith, C. C	Marshall	Hardware	1	.....	1
	CASS COUNTY.					
Nov. 10	Stemm, J. B	Cassopolis	General merchandise	2	4	6
Nov. 10	Wilcox, J. R	Cassopolis	Dry goods	1	1	2
Nov. 10	Yerty, O. L. Cash Store	Cassopolis	General merchandise	1	2	3
Nov. 9	Chase Racket Store	Dowagiac	Notions	1	2	3
Nov. 9	Dewey, B. L. & Son	Dowagiac	General merchandise	4	6	10
Nov. 9	Little, George H	Dowagiac	General merchandise	5	4	9
Nov. 9	Merwin & Brownell	Dowagiac	Groceries and meats	5	1	6
Nov. 9	Phillipson Clothing Co	Dowagiac	Clothing	8	.....	8
Nov. 9	Richey, A. K. Store, The	Dowagiac	Dry goods	3	10	13
Nov. 13	Kroll, G. W	Marcellus	General merchandise	3	3	6
Nov. 13	Stern, S. & Co	Marcellus	General merchandise	7	3	10
Nov. 13	Woods, A. H. Store	Marcellus	Notions	1	3	4
	CHARLEVOIX COUNTY.					
May 26	Bay Shore Mercantile Co	Boyne City	General merchandise	2	1	3
May 23	Bergy Brothers	Boyne City	Novelty goods	2	1	3
May 23	Eagle Shoe Store, The	Boyne City	Shoes	2	.....	2
May 28	Hankow Tea Co., The	Boyne City	Teas, coffee, etc	1	1	2
May 28	Hub, The	Boyne City	Clothing	2	.....	2
May 28	Kaden, Frank	Boyne City	General merchandise	4	1	5
May 26	Kahler & Friend	Boyne City	General merchandise	3	2	5
May 22	McNamee, Joseph	Boyne City	General merchandise	3	.....	3
May 22	Niergarth & Rupert	Boyne City	Clothing	3	.....	3
May 28	Perkins, O. R	Boyne City	Groceries	2	.....	2
May 26	Quality Grocery, The	Boyne City	General merchandise	2	1	3
May 23	Thompson, Frank D	Boyne City	Shoes	3	.....	3
May 23	Wolfson, W	Boyne City	Dry goods	1	2	3
May 29	Fanning Brothers	Boyne Falls	General merchandise	2	.....	2
May 29	Grobaski Brothers	Boyne Falls	General merchandise	2	1	3
May 29	Jaffe, H	Boyne Falls	Dry goods	1	1	2
May 29	Moon, L. A	Boyne Falls	General merchandise	1	1	2
June 1	Bergeon, A	Charlevoix	Dry goods	1	1	2
June 8	Central Drug Store	Charlevoix	Drugs	3	.....	3
June 4	Crane, J. L	Charlevoix	Dry goods	3	4	7
June 2	Emrey Clothing House, The	Charlevoix	Clothing, etc	3	1	4
June 4	Hines, F. G. & Co	Charlevoix	Drugs	2	.....	2
June 2	Levinson, M. A. & Co	Charlevoix	Dry goods, etc	2	3	5
June 1	McHugh's Bazaar	Charlevoix	Notions	1	1	2
May 31	Mason's Department Store	Charlevoix	General merchandise	4	3	7
June 4	Miller, Mrs. B. W	Charlevoix	General merchandise	2	.....	2
June 11	Bell, George A	East Jordon	Groceries	3	2	5
June 14	Brabant, C. A	East Jordon	General merchandise	2	1	3
June 13	Carr, George	East Jordon	Groceries and meats	4	.....	4
June 12	City Feed Store	East Jordon	Farm products	2	.....	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	CHARLEVOIX CO.—*Con.*					
June 11	Dante, A.	East Jordon	Dry goods, etc	1	1	2
June 12	East Jordon Lumber Co	East Jordon	General merchandise	8	3	11
June 13	Leader Department Store, The	East Jordon	Dry goods	1	1	2
June 6	Delicatessen, The	Walloon Lake	Groceries and meats	2	1	3
June 6	Ransom, W. H	Walloon Lake	General merchandise	2	2	4
	CHEBOYGAN COUNTY.					
Aug. 31	Barrowcliff, J. H. & Son	Cheboygan	Groceries	4	.....	4
Sept. 1	Brackett, Frank E	Cheboygan	Drugs	3	.....	3
Sept. 6	Brown, James N	Cheboygan	Groceries	4	.....	4
Sept. 5	Central Drug Co	Cheboygan	Drugs	3	.....	3
Sept. 5	Cheboygan Drug Co	Cheboygan	Drugs	3	.....	3
Aug. 31	Cheboygan Hardware Co	Cheboygan	Hardware	2	.....	2
Aug. 27	Clune & Meyer	Cheboygan	Furniture	5	.....	5
Aug. 28	Cueny, B. A	Cheboygan	Drugs	3	.....	3
Aug. 27	Cueny & Galbraith	Cheboygan	Hardware	2	.....	2
Aug. 3	De Gowin, F. L	Cheboygan	Groceries	2	.....	2
Sept. 1	Dodd & Cole	Cheboygan	Groceries	1	2	3
Aug. 27	Duffin & Durand	Cheboygan	Dry goods and shoes	3	6	9
Aug. 29	Edelstein, Leo	Cheboygan	Clothing	4	2	6
Sept. 6	Farrell, S	Cheboygan	Hardware	2	.....	2
Sept. 5	Fralick, M. D	Cheboygan	Groceries	3	1	4
Aug. 27	Garland, Albert E	Cheboygan	Books, etc	1	.....	1
Sept. 4	Habeling, C. P	Cheboygan	Clothing	1	1	2
Aug. 27	Hagadorn, W. L. & Co	Cheboygan	Jewelry, etc	3	.....	3
Aug. 31	Hohler, F. J	Cheboygan	Groceries	2	2	4
Sept. 4	Haut Grocer Co	Cheboygan	Groceries	6	2	8
Sept. 6	Hub Mercantile Co., The	Cheboygan	Groceries and crockery	6	2	8
Aug. 30	Hubbard, Pearl	Cheboygan	Furniture	2	.....	2
Nov. 14	Kesseler Brothers	Cheboygan	Groceries	2	.....	2
Aug. 27	Kucinski, Alex	Cheboygan	Shoes	2	1	3
Aug. 27	Malanfant & Rogan	Cheboygan	Clothing	2	.....	2
Sept. 6	Malek, M. F. & Sons	Cheboygan	Shoes and rubbers	3	1	4
Aug. 27	Newell, E. F	Cheboygan	Shoes	4	.....	4
Nov. 14	Palace Grocery	Cheboygan	Groceries	2	.....	2
Sept. 5	Post, J. J. Hardware Co., Ltd	Cheboygan	Hardware	3	.....	3
Sept. 4	Rapin-Bessette Clothing Co	Cheboygan	Clothing	3	.....	3
Sept. 4	Sangster & Riggs	Cheboygan	Drugs	2	.....	2
Sept. 6	Schley, Charles	Cheboygan	Groceries	3	1	4
Sept. 1	Shields Brothers	Cheboygan	Groceries	2	2	4
Sept. 6	Shields, James A	Cheboygan	Groceries, crockery, etc	3	1	4
Sept. 6	Thompson, The Co	Cheboygan	General merchandise	5	9	14
Sept. 6	Awada, A	Cheboygan	5 and 10 cent goods	1	1	2
Sept. 7	Coffman, J. H. & Sons	Mackinaw City	Drugs	2	.....	2
Sept. 7	Hunt, C. E	Mackinaw City	Groceries and feed	3	1	4
Sept. 7	Mackinaw Pharmacy	Mackinaw City	Drugs, etc	2	1	3
Sept. 7	Martin, E. T	Mackinaw City	Groceries, etc	2	1	3
Sept. 7	Patrick, George H	Mackinaw City	Hardware	1	.....	1
Sept. 7	Risk, Lena	Mackinaw City	Dry goods	.....	3	3
Sept. 8	Cook Brothers & Co	Wolverine	General merchandise	3	1	4
Sept. 8	Fails' Store	Wolverine	Groceries, etc	1	1	2
Sept. 8	Fox, Charles	Wolverine	Groceries and hardware	2	.....	2
Sept. 8	George, Percy F	Wolverine	Drugs	2	.....	2
Sept. 8	Jones & Taylor	Wolverine	Hardware	2	.....	2
Sept. 8	Kimberly, Will R	Wolverine	Furniture	2	1	3
Sept. 8	Levie, J. Walter	Wolverine	Dry goods, etc	3	.....	3
Sept. 8	Storey's Cash Store	Wolverine	Groceries	1	1	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	CHIPPEWA COUNTY.					
Jan. 29	Lucas, T. J.	Brimley	General merchandise	1	1	2
Jan. 29	Reinhard, A. W.	Brimley	General merchandise	3	.....	3
Jan. 29	Thompson & Washburn	Brimley	Groceries	3	1	4
Jan. 25	Barish Brothers Co.	Sault Ste. Marie	Clothing and shoes	2	1	3
Jan. 25	Boston Store, The	Sault Ste. Marie	Clothing and shoes	9	.....	9
Jan. 26	Central Grocery Co., The	Sault Ste. Marie	Groceries	4	1	5
Jan. 25	Conway & Hall	Sault Ste. Marie	Drugs	3	.....	3
Jan. 25	Cowan & Hunt, Inc	Sault Ste. Marie	General merchandise	11	32	43
Jan. 28	Eddy, A. H.	Sault Ste. Marie	Groceries	11	4	15
Jan. 25	Haller, E. J.	Sault Ste. Marie	Books, etc	2	2	4
Jan. 25	McKinney, P. T. & Sons	Sault Ste. Marie	Groceries, etc	11	4	15
Jan. 26	Man Store, The	Sault Ste. Marie	Clothing and shoes	3	.....	3
Jan. 25	Miller's Store	Sault Ste. Marie	Clothing	3	1	4
Jan. 25	Morris, B. M. Co.	Sault Ste. Marie	Clothing	3	1	4
Jan. 25	Moses, D. K. & Co.	Sault Ste. Marie	General merchandise	10	18	28
Jan. 25	New Fair	Sault Ste. Marie	Clothing and shoes	1	1	2
Jan. 26	People's Store, The	Sault Ste. Marie	Clothing and shoes	1	1	2
Jan. 26	Price Drug Co.	Sault Ste. Marie	Drugs	5	4	9
Jan. 26	Quality Store	Sault Ste. Marie	Clothing and shoes	2	.....	2
Jan. 26	Rudell Drug Co.	Sault Ste. Marie	Drugs	3	1	4
Jan. 25	Soo 5 and 10 Cent Stores	Sault Ste. Marie	5 and 10 cent goods	3	8	11
Jan. 26	Soo Flour and Feed Store	Sault Ste. Marie	Flour and feed	2	1	3
Jan. 25	Sterling, The	Sault Ste. Marie	Clothing and shoes	3	.....	3
Jan. 22	Veyet, J. J.	Sault Ste. Marie	Groceries	2	1	3
Jan. 22	Wheatley Brothers	Sault Ste. Marie	Groceries and feed	2	.....	2
Jan. 25	Woolworth, F. W.	Sault Ste. Marie	5 and 10 cent goods	2	11	13
Jan. 25	Yalomstein, M. & Co.	Sault Ste. Marie	Clothing and shoes	6	9	15
Jan. 25	Your Shoe Man	Sault Ste. Marie	Shoes	3	1	4
Feb. 2	Furlong, P. M.	Trout Lake	General merchandise	3	.....	3
Feb. 2	Logan Variety Store	Trout Lake	5 and 10 cent goods	1	2	3
	CLARE COUNTY.					
Nov. 15	Allen, J. A. & Co.	Clare	Groceries	2	.....	2
Nov. 15	Anderson, E. A.	Clare	Drugs	2	.....	2
Nov. 15	Bicknell, William H. & Co.	Clare	Dry goods	7	8	15
Nov. 15	Bogardus, S.	Clare	Groceries	1	.....	1
Nov. 15	Carrier, S. M.	Clare	Notions	.....	2	2
Nov. 15	Clare Hardware & Implement Co.	Clare	Hardware	6	1	7
Nov. 15	Demarest's Cash Bargain Store	Clare	General merchandise	1	.....	1
Nov. 15	Derby, O. A.	Clare	Candy	1	.....	1
Nov. 15	Dionise, John	Clare	Fruits	1	.....	1
Nov. 15	Dunlap, J. W.	Clare	Drugs	1	.....	1
Nov. 14	Easler, G. W.	Clare	Hardware and furniture	2	.....	2
Nov. 15	Fox, L.	Clare	Jewelry	2	.....	2
Nov. 15	Grill & Huffman	Clare	Jewelry	2	.....	2
Nov. 15	Harris & Hirt	Clare	Hardware	3	.....	3
Nov. 15	Hummon, Cyrus	Clare	Jewelry	1	.....	1
Nov. 15	Kirkpatrick, Floyd	Clare	Drugs	2	1	3
Nov. 15	Rhoades, A. S.	Clare	Groceries	1	.....	1
Nov. 15	Tatman, J. F. & Son	Clare	Groceries and shoes	2	.....	2
Nov. 14	Thompson, L. H.	Clare	Farm implements	2	.....	2
Nov. 14	Thorpe, A. W.	Clare	Groceries	2	.....	2
Nov. 15	Wilson-Davy Co.	Clare	Dry goods	8	5	13
Nov. 14	Bingham, C. E.	Farwell	Hardware	1	.....	1
Nov. 14	Burston, William	Farwell	Drugs	1	.....	1
Nov. 14	Maurer, C. I.	Farwell	General merchandise	1	.....	1
May 16	Fanning, M.	Harrison	General merchandise	2	1	3
Nov. 16	Hughes Brothers	Harrison	General merchandise	4	1	5

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	CLINTON COUNTY.					
Aug. 20	Burk, F. C.	St. Johns	General merchandise	5	3	8
Sept. 28	Chapin, C. E.	St. Johns	General merchandise	.....	3	3
Aug. 16	Chapman, George H.	St. Johns	Dry goods, etc	3	11	14
Sept. 6	Frandsen, A. K.	St. Johns	Dry goods, etc	3	8	11
Sept. 28	Hicks, John, Dry Goods Store	St. Johns	General merchandise	2	5	7
Sept. 28	Pappas, Nick	St. Johns	Confectionery, etc	.....	2	2
Sept. 18	Soulby, E. E.	St. Johns	Notions	.....	2	2
	CRAWFORD COUNTY.					
Sept. 26	Central Drug Store	Grayling	Drugs	3	.....	3
Sept. 22	Connine, R. D.	Grayling	Groceries	5	.....	5
Sept. 22	Dreese, Frank	Grayling	Clothing and shoes	1	2	3
Sept. 25	Grayling Mercantile Co	Grayling	Clothing and dry goods	2	2	4
Sept. 26	Hathaway, C. J.	Grayling	Jewelry, etc	2	.....	2
Sept. 25	Kraus, A.	Grayling	Hardware	2	.....	2
Sept. 26	Landsberg, Max	Grayling	Clothing and shoes	2	.....	2
Sept. 22	Lewis, A. M.	Grayling	Drugs	4	1	5
Sept. 22	Salling, Hanson Co	Grayling	Groceries, etc	9	3	12
Sept. 25	Simpson Co., The	Grayling	Groceries	3	1	4
Sept. 26	Trudeau, A.	Grayling	Groceries	2	.....	2
Nov. 27	Abrahams, H. L.	Frederic	General merchandise	2	.....	2
Nov. 27	Higgins, John	Frederic	Groceries	1	1	2
	DELTA COUNTY.					
April 26	Frechette, J. B.	Bark River	General merchandise	1	2	3
April 26	Labre, Phil	Bark River	General merchandise	2	1	3
April 26	Leader, The	Bark River	General merchandise	3	2	5
April 13	Brennan, S. W.	Escanaba	Groceries	3	1	4
April 10	Cash Mercantile Co., The	Escanaba	Groceries	6	2	8
April 21	Delta Hardware Co	Escanaba	Hardware	32	4	36
April 19	Erickson, Ed. Co., The	Escanaba	Dry goods	4	24	28
April 20	Erickson, L. A.	Escanaba	Clothing	4	1	4
April 12	Fair Savings Bank Department Store	Escanaba	General merchandise	41	65	106
April 17	Hanrahan Brothers	Escanaba	Groceries	3	2	5
April 13	Kratze Brothers	Escanaba	General merchandise	12	23	35
April 16	MacKillican, B. J.	Escanaba	Clothing, etc	2	1	3
April 11	Manning-Peterson Shoe Co	Escanaba	Boots and shoes	6	.....	6
April 16	Metropolitan 5 to 50 Cent Store	Escanaba	5 to 50 cent goods	2	6	8
April 14	Nelson, Nels Estate	Escanaba	Groceries	2	1	3
April 12	North Star Clothing Co	Escanaba	Dry goods and clothing	2	4	6
April 11	St. Jacques, Thomas	Escanaba	Groceries	2	.....	2
April 20	Scott, M. H.	Escanaba	Dry goods and notions	1	2	3
April 16	Stein's Department Store	Escanaba	General merchandise	3	2	5
April 14	Stein, George	Escanaba	Clothing	1	1	2
April 11	Todd Brothers	Escanaba	Groceries	3	.....	3
April 10	Woolworth, F. W. Co	Escanaba	5 and 10 cent goods	3	16	19
April 16	Young & Fillion Co	Escanaba	Clothing	6	.....	6
May 2	Blackwell, H. W.	Gladstone	Hardware	3	.....	3
May 2	Boyer, L. P.	Gladstone	Groceries	3	1	4
May 2	Champlin, O. G.	Gladstone	5, 10 and 25 cent goods	1	1	2
May 3	Gladstone Grocery	Gladstone	Groceries	3	1	4
May 3	Goldstein, Sidney W.	Gladstone	Dry goods, etc	2	5	7
May 3	Hanson, Elof	Gladstone	Groceries	5	1	6
May 2	Lewin & Jacobs	Gladstone	Clothing, etc	4	1	5
May 3	Micks, W. J.	Gladstone	Groceries	4	.....	4
May 2	Rosenblum, H.	Gladstone	Dry goods	4	12	16
May 2	Shelby, I. E.	Gladstone	Dry goods	1	1	2
May 2	Star Grocery, The	Gladstone	Groceries	3	1	4

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	DICKINSON COUNTY.					
Jan. 9	Anderson, Charles E.	Iron Mountain	Dry goods, etc	1	2	3
Jan. 14	Franchine, Arthur	Iron Mountain	Jewelry	1	.....	1
Jan. 10	Fugere Brothers	Iron Mountain	Gents' clothing	4	1	5
Jan. 14	Furno, C.	Iron Mountain	Groceries	.....	1	1
Jan. 9	Gately-Wiggins	Iron Mountain	Furniture	5	1	6
Jan. 14	Gaudio, Carmine	Iron Mountain	Groceries	2	2	4
Jan. 9	Great London Store	Iron Mountain	Dry goods and groceries	3	3	6
Jan. 11	Hanson, John	Iron Mountain	General merchandise	2	1	3
Jan. 14	Izzo, Frank	Iron Mountain	General merchandise	1	2	3
Jan. 14	Kattnig, Joe	Iron Mountain	Groceries	1	1	2
Jan. 11	Khowry, Sam	Iron Mountain	Confectionery, etc	1	1	2
Jan. 11	Levy M. Co., Ltd	Iron Mountain	Groceries and chinaware	7	1	8
Jan. 11	Levy M. Co., Ltd	Iron Mountain	General merchandise	6	11	17
Jan. 14	Michela Brothers	Iron Mountain	Groceries	2	1	3
Jan. 14	Negro, D. & Sons	Iron Mountain	General merchandise	2	.....	2
Jan. 11	Parent Clothing Co., The	Iron Mountain	Gents' clothing	3	.....	3
Jan. 10	Rahn & Will	Iron Mountain	Jewelry	4	.....	4
Jan. 9	Roell, E. F. & Co	Iron Mountain	Dry goods and groceries	3	1	4
Jan. 14	Rusky Brothers	Iron Mountain	General merchandise	1	2	3
Jan. 9	Russell, John	Iron Mountain	General merchandise	2	1	3
Jan. 10	Sackim, Abe Co	Iron Mountain	General merchandise	5	12	17
Jan. 11	Seandling, W. H	Iron Mountain	Groceries	2	1	3
Jan. 10	Seibert's Drug Store	Iron Mountain	Drugs	4	.....	4
Jan. 10	Sims' Drug Store	Iron Mountain	Drugs	2	1	3
Jan. 14	Smoliner, George	Iron Mountain	Groceries	1	1	2
Jan. 9	Strong, John	Iron Mountain	Stoves, furniture, etc	1	.....	1
Jan. 10	Uddenberg's Pharmacy	Iron Mountain	Drugs	2	.....	2
Jan. 7	Weber, Ben	Iron Mountain	Groceries	1	2	3
Jan. 10	Woolworth, F. W. Co	Iron Mountain	5 and 10 cent goods	2	7	9
Jan. 16	Asp, D. A. & Co	Norway	Furniture	1	1	2
Jan. 17	Charash, L.	Norway	Gents' furnishings	2	.....	2
Jan. 16	Ekland, Mrs. John	Norway	Jewelry	1	1	2
Jan. 17	Jacobsen's Pharmacy	Norway	Drugs	2	.....	2
Jan. 17	Lindholm Anton	Norway	Tailoring	1	.....	1
Jan. 17	Norway Clothing House	Norway	Dry goods	1	2	3
Jan. 17	Parkers Variety Store	Norway	5, 10 and 25 cent goods	.....	1	1
Jan. 16	Perkins, John & Son	Norway	General merchandise	2	1	3
Jan. 17	Ruwitch, Joseph & Sons	Norway	General merchandise	6	12	18
Jan. 16	Sethney, A. T. & Co	Norway	Groceries	2	1	3
Jan. 17	Soderlund, S.	Norway	Jewelry	1	.....	1
Jan. 17	Weber's Pharmacy	Norway	Drugs	1	.....	1
	EATON COUNTY.					
June 15	Butler, A. G., Jr	Bellevue	Dry goods	1	2	3
June 15	Lamphere, Fred	Bellevue	Groceries	3	.....	3
June 15	Mason, B. E.	Bellevue	Groceries	2	.....	2
June 15	Woods, F. J	Bellevue	General merchandise	1	1	2
June 9	Moyer & Chandler	Charlotte	Drugs	3	.....	3
June 7	Beard, F. E.	Charlotte	Drugs	4	.....	4
June 7	Bryan, James H	Charlotte	Drugs	3	.....	3
June 6	Bullen & Richey	Charlotte	Dry goods	3	4	7
June 7	Collins, A. B.	Charlotte	Drugs	2	.....	2
June 7	Cook, S. E. & Co	Charlotte	Dry goods	5	7	12
June 7	Crofoot, R.	Charlotte	Clothing	3	.....	3
June 5	Fast, E. I.	Charlotte	Furniture	2	.....	2
June 8	Houghtaling, A. A.	Charlotte	5 and 10 cent goods	2	2	4
June 5	Ives-Sylvester	Charlotte	Furniture	5	.....	5
June 5	Krebs, H. H. & Co	Charlotte	Groceries	3	2	5

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	EATON CO.—*Con.*					
June 7	Kutsche, R. P	Charlotte	Hardware	3	.....	3
June 7	Lamb & Spencer Co	Charlotte	Groceries	13	2	15
June 8	McElmurry, George W	Charlotte	5 and 10 cent goods	1	5	6
June 7	Murray, Albert	Charlotte	Shoes	2	.....	2
June 7	Murray, Fred & Co	Charlotte	Shoes	2	.....	2
June 7	New York Store, The	Charlotte	Dry goods	2	2	4
June 6	Robinson, Lawerence	Charlotte	Clothing	3	.....	3
June 6	Sassaman, John V	Charlotte	Drugs	4	.....	4
June 6	Shuler, O. P	Charlotte	Drugs	2	.....	2
June 6	Streke-Griffin Co	Charlotte	Dry goods	2	5	7
June 7	Vomberg, M	Charlotte	Clothing	4	.....	4
June 13	Bateman, W. J	Dimondale	General merchandise	2	.....	2
June 13	Lewis, C. C	Dimondale	General merchandise	2	.....	2
June 12	Barnes & Stoddard	Eaton Rapids	Clothing	3	.....	3
June 11	Belnap, Clark L	Eaton Rapids	Clothing	3	.....	3
June 13	Bentley, H. S	Eaton Rapids	Shoes	2	.....	2
June 13	Birney, John D	Eaton Rapids	Drugs	2	.....	2
June 11	Boice, H. L	Eaton Rapids	Notions	1	3	4
June 12	Culver, F. J	Eaton Rapids	Groceries	3	.....	3
June 11	Graham, F. A	Eaton Rapids	Drugs	2	.....	2
June 12	Hale & Pettit	Eaton Rapids	Furniture	3	.....	3
June 12	Knapp, J. F. & Son	Eaton Rapids	Groceries	6	1	7
June 13	Knapp & Marshall	Eaton Rapids	Dry goods	2	2	4
June 12	Lindsey, George W	Eaton Rapids	Groceries	3	1	4
June 12	Meade, W. R	Eaton Rapids	Drugs	3	1	4
June 11	Mendell, F. W	Eaton Rapids	Dry goods	1	1	2
June 12	Old Bank Grocery, The	Eaton Rapids	Groceries	2	1	3
June 12	Parks, James H	Eaton Rapids	Dry goods	2	4	6
June 11	Sanders, J. W	Eaton Rapids	Notions	1	1	2
June 12	Stirling & Crawford	Eaton Rapids	Groceries, etc	7	2	9
June 20	Baldwin & Watson	Grand Ledge	Groceries	4	1	5
June 19	Economy Clothing Co	Grand Ledge	Clothing	3	.....	3
June 20	Hall, W. L	Grand Ledge	Shoes	2	.....	2
June 19	Halsted, A. O	Grand Ledge	Drugs	2	.....	2
June 20	Houghtaling, A. A	Grand Ledge	5 and 10 cent goods	1	1	2
June 19	Marshall-Huggett Co., The	Grand Ledge	Dry goods	2	6	8
June 19	Nott, R. N. & Co	Grand Ledge	Dry goods	2	5	7
June 19	Smith, W. B	Grand Ledge	General merchandise	2	3	5
June 20	Stark, Miles Clothing Co	Grand Ledge	Clothing	3	.....	3
June 19	Streeter, N. J	Grand Ledge	Groceries	2	1	3
June 20	Taylor & Soper	Grand Ledge	Groceries	3	.....	3
June 20	Teman Bazar Co., The	Grand Ledge	Notions	2	1	3
June 20	Davies, R. J. & Son	Mulliken	Groceries	3	.....	3
June 15	Montague, Charles H	Olivet	Groceries	2	.....	2
June 15	Newland & Campbell	Olivet	Groceries	3	.....	3
June 15	Sours, J. H	Olivet	Drugs	2	.....	2
June 23	Cook, S. R	Potterville	Groceries	3	.....	3
June 20	Town, C. N	Sunfield	Hardware	1	.....	1
June 16	Barber Brothers	Vermontville	Dry goods	3	1	4
June 16	Barber, E. D	Vermontville	Hardware	3	.....	3
June 16	Lamb, Charles H	Vermontville	General merchandise	3	1	4
June 16	Lamb Hardware & Implement Co	Vermontville	Hardware	4	.....	4
June 16	Loveland, L. W	Vermontville	Drugs	2	.....	2
June 16	Miller, W. H	Vermontville	Groceries	3	.....	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	EMMET COUNTY.					
May 17	Klein, N. Department Store	Alanson	General merchandise	2	2	4
May 17	O'Reilly, R. T	Alanson	Dry goods	1	3	4
May 10	Cash Grocery, The	Harbor Springs	Groceries	2	.....	2
May 10	Darling's Art Shop	Harbor Springs	Art goods	1	2	3
May 8	Harbor Springs Grocery Co	Harbor Springs	Groceries	5	.....	5
June 22	Horn, Grace Chandler	Harbor Springs	Art goods	1	3	4
May 10	Melson, G. W. & Co	Harbor Springs	Groceries	4	.....	4
May 9	Segal, Mrs. Ben	Harbor Springs	Dry goods	.....	3	3
May 9	Stein, J. F	Harbor Springs	Dry goods	2	2	4
May 10	Weaver & Clement	Harbor Springs	Groceries	3	.....	3
May 16	Reed & Co	Levering	General merchandise	2	.....	2
May 16	Walker, John J	Levering	General merchandise	3	3	6
May 16	Devine & Sage	Pellston	General merchandise	2	.....	2
May 16	Jackson & Tindle	Pellston	General merchandise	11	3	14
May 16	Pellston Mercantile Co	Pellston	General merchandise	3	.....	3
May 16	Stevenson, E. G	Pellston	Drugs	2	.....	2
May 8	Beese & Porter	Petoskey	Dry goods	1	3	4
May 5	Chattaway Co., The	Petoskey	Groceries	3	.....	3
May 1	Central Drug Store	Petoskey	Drugs	2	.....	2
April 26	Comstock, C. S. & Son	Petoskey	General merchandise	3	1	4
April 30	Eagle Shoe Store	Petoskey	Shoes	3	.....	3
May 3	Eckel Drug Co	Petoskey	Drugs	4	.....	4
May 4	Fallass Drug Store	Petoskey	Drugs	3	.....	3
May 4	Ferris, John L	Petoskey	Groceries	3	1	4
May 5	Fochtman, A. Department Store	Petoskey	General merchandise	22	8	30
May 1	Hankow Tea Co	Petoskey	Tea and coffee	1	1	2
May 5	Harner's Book Store	Petoskey	Books, etc	2	.....	2
April 26	Henderson, J. L	Petoskey	General merchandise	4	.....	4
April 30	Levinson's Department Store	Petoskey	General merchandise	2	5	7
May 9	Ludlum's Cooperative Store	Petoskey	China, etc	.....	2	2
May 1	Rosenthal, S. & Sons	Petoskey	General merchandise	10	13	23
May 3	Stoughton, J. W. & Co	Petoskey	5 and 10 cent goods	1	2	3
May 5	Thompson, A. B	Petoskey	Groceries and provisions	2	1	3
April 28	Welling's Department Store	Petoskey	Dry goods	2	5	7
	GENESEE COUNTY.					
Sept. 19	Branch & Rumbold	Flint	Furniture and hardware	8	1	9
Sept. 20	Buckingham, George W	Flint	Clothing, etc	18	5	23
Sept. 19	Bush, Herbert N	Flint	Dry goods, etc	4	30	34
Sept. 17	Cable Piano Co	Flint	Pianos	6	4	10
Sept. 18	Candy Kitchen	Flint	Confectionery	.....	3	3
Sept. 20	Doty-Salisbury Co	Flint	Furniture, etc	11	4	15
Sept. 18	Economy Co., The, Ltd	Flint	Shoes	6	2	8
Sept. 19	Fair, The	Flint	Dry goods	23	3	26
Sept. 20	Flint Home Furnishing Co	Flint	Furniture	19	1	20
Sept. 19	Grand Union Tea Co	Flint	Tea and coffee	2	1	3
Sept. 20	Grinnell Brothers	Flint	Music, etc	16	8	24
Sept. 18	Goodman, Phil E	Flint	Clothing	1	7	8
Sept. 18	Hill Brothers Dry Goods Co	Flint	Dry goods	2	35	37
Sept. 17	Hixson, E. M	Flint	Groceries	12	6	18
Sept. 18	Hubbard, George W. Hardware Co	Flint	Hardware	13	6	19
Sept. 17	King Clothing Co	Flint	Clothing	3	4	7
Sept. 20	Kobacker Furniture Co	Flint	Furniture	12	3	15
Sept. 18	Kresge, S. S. Co	Flint	5, 10 and 15 cent goods	5	35	40
Sept. 20	Laird, I. A. & Co	Flint	Furniture	9	1	10
Sept. 17	Liberal Credit Clothing Co	Flint	Clothing	1	2	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	GENESEE CO.—*Con.*					
Sept. 18	Livingston Clothing Co	Flint	Clothing	2	2	4
Sept. 20	Michigan Stores Co., The	Flint	1 to 50 cent goods	6	26	32
Sept. 18	Miller, Charles H	Flint	Hardware	7	2	9
Sept. 18	New Orleans Fruit House	Flint	Fruit	37	11	48
Sept. 19	Peoples Cash Meat Market	Flint	Meats	4	1	5
Sept. 18	Peoples Credit Clothing Co	Flint	Clothing	4	4	8
Sept. 20	Ryan, John P. Co	Flint	Jewelry	4	2	6
Sept. 19	Sanders-Arts Co	Flint	Office supplies	4	1	5
Sept. 17	Seitner Co., The	Flint	General merchandise	1	24	25
Sept. 18	Siegel, S. K. Co	Flint	Ladies' garments	3	10	13
Sept. 19	Sills, J. E. Electric Co	Flint	Electrical supplies	29	1	30
Sept. 19	Smith-Bridgman Co	Flint	General merchandise	40	60	100
Sept. 19	Smith, D. P. Floral Co	Flint	Flowers	.....	2	2
July 5	Smith, O. M	Flint	Dry goods	11	57	68
Sept. 19	Stewart, H. H	Flint	Clothing	6	1	7
Sept. 19	Torrey-McConnell Co	Flint	Hardware	9	2	11
Sept. 19	Valley Printing Co	Flint	Printing	4	2	6
Sept. 16	Vogue, The	Flint	Ladies' clothing	2	11	13
Sept. 18	Walk Over Boot Shop	Flint	Shoes	7	1	8
Sept. 19	Warrick Brothers	Flint	Dry goods	4	27	31
Sept. 19	Woolworth, F. W. Co	Flint	5 and 10 cent goods	3	20	23
Dec. 21	Bedford & Sons	Flushing	Dry goods	1	4	5
Dec. 21	Bueche, B. P	Flushing	Groceries	4	.....	4
Dec. 21	Lott, E. A. & Co	Flushing	General merchandise	4	1	5
Dec. 21	Moss, Charles T	Flushing	General merchandise	3	1	4
Dec. 22	Dewey, Wood	Grand Blanc	General merchandise	2	1	3
Dec. 22	Gundry & Perry	Grand Blanc	Hardware	3	.....	3
Dec. 22	Gundry & Son	Grand Blanc	General merchandise	2	1	3
Dec. 22	Webber Brothers	Grand Blanc	Groceries	2	.....	2
Dec. 22	Davison & Houston	Swarts Creek	General merchandise	4	2	6
	GLADWIN COUNTY.					
Oct. 8	Beaverton Cooperative Produce Co	Beaverton	Flour and feed	2	.....	2
Oct. 8	Beaverton Hardware Co., The	Beaverton	Hardware	3	.....	3
Oct. 8	Budge, L. J	Beaverton	Drugs	1	.....	1
Oct. 8	Herendeen, W. H	Beaverton	General merchandise	1	.....	1
Oct. 8	Himelhoch, L	Beaverton	Dry goods	2	1	3
Oct. 8	Janson, A. J	Beaverton	Groceries	1	1	2
Oct. 8	Kunse Hardware & Implement Co	Beaverton	Hardware	3	.....	3
Oct. 8	Musser, John C	Beaverton	General merchandise	1	1	2
Oct. 8	Zimmerman, A. A	Beaverton	General merchandise	1	.....	1
Oct. 3	Atchinson, Frank E	Gladwin	General merchandise	3	1	4
Oct. 8	Burton, F. E	Gladwin	Produce	2	.....	2
Oct. 3	Cahling, John E	Gladwin	Implements	2	.....	2
Oct. 3	Capling, J. E	Gladwin	Hardware	4	1	5
Oct. 3	Croskery Brothers	Gladwin	Hardware, etc	4	1	5
Oct. 3	Goldberg, S. & Son	Gladwin	Dry goods and shoes	3	2	5
Oct. 2	Henderson & Millard	Gladwin	General merchandise	4	.....	4
Oct. 3	McDuff's Drug Store	Gladwin	Drugs	2	.....	2
Oct. 3	Miller, J. M	Gladwin	Dry goods	2	1	3
Oct. 3	Myers & Englehardt	Gladwin	Dry goods, etc	3	1	4
Oct. 3	Powell, Fred & Son	Gladwin	Hardware	3	.....	3
Oct. 3	Stock, Thomas	Gladwin	General merchandise	2	.....	2
Oct. 3	Wagar's Drug Store	Gladwin	Groceries and drugs	4	.....	4
Oct. 3	Woodward, W. E	Gladwin	Implements	2	.....	2
Oct. 9	Matheson, John	Rhodes	Groceries	1	.....	1
Oct. 9	Rhodes Hardware Co	Rhodes	Hardware	1	.....	1
Oct. 9	David, L. S	Wagerville	General merchandise	1	1	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	GOGEBIC COUNTY.					
Dec. 13	Abelman, A	Bessemer	Clothing	1	3	4
Dec. 13	Bessemer Cash Grocery	Bessemer	General merchandise	4	.....	4
Dec. 13	Bessemer Pharmacy	Bessemer	Drugs	2	.....	2
Dec. 13	Byrne, A	Bessemer	Confectionery	1	2	3
Dec. 7	Dastasio, Phillip & Co	Bessemer	Confectionery	2	2	4
Dec. 7	Finnish Mercantile Stock Co	Bessemer	General merchandise	5	2	7
Dec. 13	Hagen & Solberg	Bessemer	Dry goods	2	2	4
Dec. 13	Johnson, J. R	Bessemer	Hardware and furniture	2	1	3
Dec. 13	Kristianson, Axel	Bessemer	Jewelry	1	1	2
Dec. 7	Kulasavics & Skwor	Bessemer	General merchandise	5	.....	5
Dec. 13	Little Monarch, The	Bessemer	Gents' furnishings	2	.....	2
Dec. 13	Rice, Nathan	Bessemer	Gents' furnishings	3	1	4
Dec. 14	Ochis Brothers	Bessemer	General merchandise	2	2	4
Dec. 14	Rosenberg & Andrist	Bessemer	Jewelry	2	.....	2
Dec. 13	Skud-Goldman & Co	Bessemer	Dry goods, etc	4	6	10
Dec. 7	Truettner, I. W	Bessemer	Groceries	2	.....	2
Dec. 6	Aili, Oscar & Son	Ironwood	General merchandise	2	1	3
Nov. 28	Albert, George	Ironwood	Dry goods and shoes	1	2	3
Dec. 1	Aukee & Kaukola	Ironwood	Jewelry	2	.....	2
Dec. 1	Bean, C. M	Ironwood	Jewelry	1	2	3
Dec. 4	Brody, C	Ironwood	Dry goods and shoes	2	1	3
Nov. 28	Davis & Fehr	Ironwood	Dry goods, etc	2	36	38
Dec. 1	Erickson, C. E	Ironwood	Hardware	5	1	6
Nov. 28	Fashion Clothing & Shoe Store	Ironwood	Clothing and shoes	5	1	6
Nov. 30	Finnish Cooperative Trading Co., The	Ironwood	Groceries, etc	3	1	4
Dec. 1	Gamble & Mrofchak	Ironwood	Hardware	4	1	5
Dec. 3	Hanley, Tim Co	Ironwood	Groceries	4	2	6
Dec. 1	Skud, Herman & Brother	Ironwood	Clothing and shoes	8	1	9
Dec. 1	Hub, The	Ironwood	Gents' furnishings	4	.....	4
Dec. 4	Hummel, B	Ironwood	Dry goods	1	1	2
Dec. 1	Ironwood Pharmacy	Ironwood	Drugs	4	.....	4
Nov. 27	Jacobs, M. N	Ironwood	Gents' furnishings	1	1	2
Dec. 1	Johnson, Alfred	Ironwood	Gents' furnishings	1	1	2
Nov. 28	Jussen & Trier	Ironwood	Confectionery	4	8	12
Nov. 28	Kerkes, Joseph	Ironwood	Gents' furnishings	2	.....	2
Nov. 28	Larson, Fred S	Ironwood	Groceries, etc	1	3	4
Dec. 1	Leader, The	Ironwood	General merchandise	3	15	18
Nov. 30	Leksell, O	Ironwood	Jewelry	1	.....	1
Nov. 28	McCabe, M. F	Ironwood	Drugs	2	.....	2
Dec. 1	Metropolitan 5 to 50 Cent Stores	Ironwood	5 to 50 cent goods	2	10	12
Nov. 28	Model, The	Ironwood	Clothing and shoes	4	.....	4
Nov. 30	Nordling & Hicks	Ironwood	Drugs	3	.....	3
Dec. 6	Northern Grocer Co	Ironwood	Groceries	2	.....	2
Dec. 1	Olson Brothers	Ironwood	Groceries	10	3	13
Dec. 6	Pakka, Matt	Ironwood	Dry goods	1	1	2
Dec. 3	Penny, J. C. Co	Ironwood	Dry goods	3	5	8
Dec. 3	Schneider, A. J	Ironwood	Gents' furnishings	2	1	3
Nov. 28	Sjoquest, Julius	Ironwood	General merchandise	1	.....	1
Dec. 1	Sullivan & Coumbe	Ironwood	Groceries	10	3	13
Nov. 20	Tobin, A	Ironwood	Jewelry	3	.....	3
Nov. 28	Triplett, William D	Ironwood	Jewelry	1	2	3
Dec. 1	Wick, H. M	Ironwood	Jewelry	1	1	2
Dec. 1	Woolworth, F. W. Co	Ironwood	5 and 10 cent goods	3	10	13
Dec. 6	Basso, Chris	Jesseville	Groceries	1	1	2
Dec. 6	Bolich, John	Jesseville	Dry goods	1	1	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	GOGEBIC CO.—*Con.*					
Dec. 6	Jelich, George	Jesseville	Groceries and dry goods	1	2	3
Dec. 6	Leader, Charles	Jesseville	General merchandise	1	1	2
Dec. 6	O'Donnell & Nolan	Jesseville	5 and 10 cent goods	2	.....	2
Dec. 6	Wright & Ebli	Jesseville	General merchandise	3	2	5
Dec. 17	Bonino Brothers	Wakefield	Groceries	3	.....	3
Dec. 17	Olson Brothers	Wakefield	General merchandise	4	.....	4
Dec. 17	Palace Store, The	Wakefield	Clothing and shoes	3	.....	3
Dec. 17	Skud, Goldman & Co	Wakefield	General merchandise	3	5	8
Dec. 17	Wakefield Pharmacy	Wakefield	Drugs	2	.....	2
	GRAND TRAVERSE COUNTY.					
May 16	Morris, Louis	Kingsley	Dry goods	2	1	3
May 9	Brownell, W. H	Traverse City	Novelties	1	2	3
May 9	Coffee Ranch, The	Traverse City	Tea and coffee	2	.....	2
May 12	Friedrich, A. V	Traverse City	Shoes	6	1	7
May 8	Giuffre, M	Traverse City	Fruit	3	.....	3
May 14	Globe Department Store, The	Traverse City	Dry goods, etc	8	11	19
May 7	Grinnell Brothers	Traverse City	Music	7	4	11
May 16	Hamilton Clothing Co	Traverse City	Clothing	6	.....	6
May 10	Hannah & Lay Mercantile Co	Traverse City	General merchandise	48	29	77
May 7	Jackson, J. W	Traverse City	Confectionery	2	1	3
May 12	Joy & Netzorg	Traverse City	Clothing	3	.....	3
May 11	Milliken, J. W	Traverse City	Dry goods, etc	8	18	26
May 15	Kyselka, Prokop	Traverse City	Groceries	5	1	6
May 9	Sherman & Hunter Co	Traverse City	Gents' furnishings	4	.....	4
May 8	Slater, J. W	Traverse City	House furnishings	5	2	7
May 9	Steinberg, J. H	Traverse City	General merchandise	7	17	24
May 7	Wait, S. E. & Son	Traverse City	Drugs	5	.....	5
May 8	Whiting Implement Co	Traverse City	Implements	3	.....	3
May 12	Weldman, A. & Son	Traverse City	Confectionery	2	3	5
May 8	Woolworth, F. W. Co	Traverse City	5 and 10 cent goods	1	10	11
	GRATIOT COUNTY.					
May 10	Brunner, W. Alex	Alma	Drugs	3	.....	3
May 10	Clapp, Earl C	Alma	Hardware	5	1	6
May 10	Crandell & Scott	Alma	Furniture	4	1	5
May 11	Cushing & Benedict	Alma	Notions	2	3	5
May 10	Economy Shoe Store, The	Alma	Shoe store	5	.....	5
May 11	Ellison's Grocery	Alma	Groceries	4	1	5
May 11	Gerhardt, J. A	Alma	Dry goods	1	2	3
May 12	Glass & Hannah	Alma	Hardware	3	.....	3
May 10	Hough, H. B	Alma	Hardware	3	.....	3
May 10	Look-Paterson Drug Co	Alma	Drugs	3	.....	3
May 11	Maier, G. J	Alma	Clothing and shoes	4	.....	4
May 11	Messinger, M	Alma	Clothing and shoes	4	.....	4
May 10	Montigel, J. M	Alma	Implements	3	.....	3
May 12	Murphy, Charles R	Alma	Drugs	5	.....	5
May 12	Naylor, James	Alma	General merchandise	1	1	2
May 11	Proud's Department Store	Alma	Dry goods and shoes	2	3	5
May 10	Redman, James	Alma	Groceries	5	2	7
May 11	Robinson, D. W	Alma	Dry goods	3	9	12
May 10	Slater & Goodes	Alma	Clothing	4	.....	4
May 10	Wright, G. V	Alma	Furniture	3	.....	3
May 5	Barnes, C. H	Ashley	General merchandise	2	.....	2
May 5	Corwin, Charles	Ashley	General merchandise	1	1	2
May 4	Criner, Carl	Bannister	General merchandise	2	.....	2
May 4	Peck, F. C	Bannister	Groceries	1	1	2
May 4	Steere, B. H	Bannister	Clothing	1	1	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	GRATIOT CO.—*Con.*					
May 25	Chisholm, Alex. & Son	Breckenridge	General merchandise	2	1	3
May 25	Fox, W. B	Breckenridge	General merchandise	2	2	4
May 25	Hodge Brothers	Breckenridge	Hardware	3	.....	3
May 25	Hunn, A. & E	Breckenridge	General merchandise	1	3	4
May 25	Thomas, P. C	Breckenridge	Hardware	3	.....	3
May 25	Watson & Son	Breckenridge	Drugs	3	.....	3
May 28	Hilsinger Mercantile Co	Elwell	General merchandise	4	1	5
May 18	Alverson, E. J	Ithaca	Hardware	4	.....	4
May 18	Barden, J. L	Ithaca	Furniture	3	1	4
May 18	Brown, C. M	Ithaca	Harness, trunks, etc	3	.....	3
May 18	Brown-Davis Co	Ithaca	Implements	6	.....	6
May 17	Coleman, G. J. & Son	Ithaca	Implements	4	.....	4
May 17	Cowdrey's Drug Store	Ithaca	Drugs	2	1	3
May 19	Fleming Clothing Co	Ithaca	Clothing and shoes	3	.....	3
May 19	Goodwin's Drug Store	Ithaca	Drugs	3	1	4
May 19	Home Goods Store, The	Ithaca	5-10-25 cent goods	4	4	8
May 18	Kircheimer, Sam	Ithaca	Clothing and shoes	2	.....	2
May 19	Lewis, Henry E	Ithaca	General merchandise	4	2	6
May 19	McCormack, Henry	Ithaca	General merchandise	7	6	13
May 18	Netsorg's	Ithaca	Dry goods, etc	3	2	5
May 18	Parrish, H. B	Ithaca	Furniture	3	.....	3
May 17	Pinney, A. E. & Son	Ithaca	Hardware	7	.....	7
May 17	Pino, S. P	Ithaca	Implements	3	.....	3
May 19	Sprague, A. A	Ithaca	Drugs	2	2	4
May 19	Yost & Hamilton	Ithaca	General merchandise	5	1	6
May 28	Moblo, R. E	Ithaca	Hardware and furniture	2	.....	2
May 22	McIntyre, A. S	St. Louis	Drugs	2	.....	2
May 21	Quality Shop, The	St. Louis	Clothing	2	.....	2
May 23	Raycraft-Thompson Drug Co	St. Louis	Drugs	3	.....	3
May 24	St. Louis Grocery Co	St. Louis	Groceries	3	.....	3
May 23	St. Louis Hardware Co	St. Louis	Hardware	4	2	6
May 24	Slater Dry Goods Co	St. Louis	Dry goods	2	5	7
May 21	Smith, Carlton	St. Louis	Groceries	2	1	3
May 23	Tiffany, H	St. Louis	Notions	1	2	3
May 23	Tuger, H. J	St. Louis	General merchandise	5	7	12
May 23	Vliet & Hanna	St. Louis	Dry goods	2	2	4
	HILLSDALE COUNTY.					
Nov. 20	Abbott-Cooper Hardware Co	Hillsdale	Hardware	3	1	4
Nov. 20	Buchanan Co., The	Hillsdale	Dry goods	4	12	16
Nov. 19	Farnsworth, F. L	Hillsdale	Dry goods	1	10	11
Nov. 19	Ferris, O. W	Hillsdale	Dry goods	2	4	6
Nov. 19	Hillsdale Hardware Co., The	Hillsdale	Hardware	3	2	5
Nov. 19	Morris' 5 and 10c Store	Hillsdale	5 and 10c merchandise	2	4	6
Nov. 20	New York Racket Store, The	Hillsdale	Crockery, etc	2	3	5
Nov. 19	Rogers Grocery	Hillsdale	Groceries	4	1	5
Nov. 19	Stearns, F. M	Hillsdale	Groceries	4	1	5
Nov. 20	Swift, Chas. H	Hillsdale	Groceries	5	1	6
Nov. 20	Thatcher, C. L. & Son	Hillsdale	Books	2	1	3
Nov. 20	Walworth, George E	Hillsdale	Dry goods, etc	2	7	9
Nov. 20	Whitney, E. E	Hillsdale	Groceries	8	1	9
	HOUGHTON COUNTY.					
Oct. 10	Arne & Ruttenberg	Calumet	General merchandise	5	5	10
Oct. 9	Bee Hive Shoe Store, The	Calumet	Shoes	2	4	6
Oct. 13	Bianchi & Manzini	Calumet	Groceries	3	.....	3
Oct. 18	Brown & Hutchins	Calumet	Groceries	2	3	5
Oct. 9	Brown & Petermann	Calumet	Ladies' furnishings	3	4	7

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	HOUGHTON CO.—*Con.*					
Oct. 16	Dwyer's, Tom Shoe Store	Calumet	Shoes	1	1	2
Oct. 10	Elki, Henry R.	Calumet	Men's furnishings	1	.....	1
Oct. 16	Ellis, J. J.	Calumet	Jewelry	1	.....	1
Oct. 10	Fahlen, A. & Co.	Calumet	Jewelry	2	.....	2
Oct. 10	Forster, W. H.	Calumet	News, stationery, etc	1	1	2
Oct. 10	Gartner, Leo	Calumet	Ladies' garments	1	14	15
Oct. 18	Gately-Wiggins Co.	Calumet	Furniture and clothing	12	8	20
Oct. 10	George, Elias	Calumet	General merchandise	1	1	2
Oct. 24	Godfrey, E. R. & Sons Co.	Calumet	Fruits and produce	8	5	13
Oct. 16	Grand Union Tea Co.	Calumet	Coffees and teas	7	.....	7
Oct. 15	Haas, Ed. & Co.	Calumet	Clothing	3	.....	3
Oct. 9	Hanley & McCormick	Calumet	Clothing	2	.....	2
Oct. 16	Hermann Bros.	Calumet	Pianos	3	.....	3
Oct. 15	Hocking's Clothing Store	Calumet	Clothing	2	.....	2
Oct. 11	Kangas, Mrs. John	Calumet	Groceries	.....	2	2
Oct. 13	Kivela Bros.	Calumet	Clothing	2	.....	2
Oct. 23	Lean, H. E. & Sons	Calumet	General merchandise	11	14	25
Oct. 24	Lieblein, Ed. M.	Calumet	Groceries	11	.....	11
Oct. 15	McEncroe, M.	Calumet	Books and stationery	.....	2	2
Oct. 11	Mackey, Victor	Calumet	Groceries, etc	2	2	4
Oct. 24	Malfroid Trading Co.	Calumet	Flour, grain, etc	3	.....	3
Oct. 10	Matheson & Johnson	Calumet	General merchandise	4	3	7
Oct. 15	Metropolitan Pharmacy	Calumet	Drugs	3	1	4
Oct. 13	Miglio, Carlo	Calumet	Groceries	2	1	3
Oct. 9	Montin's Pharmacy	Calumet	Drugs	2	1	3
Oct. 10	Neimark, A.	Calumet	Men's furnishings	2	.....	2
Oct. 10	Nicholas, Said	Calumet	General merchandise	2	1	3
Oct. 16	Orenstein, James	Calumet	Dry goods, etc	3	5	8
Oct. 13	Oganich, Vinco	Calumet	Groceries, etc	3	.....	3
Oct. 12	Paul, Michael	Calumet	Dry goods	1	.....	1
Oct. 13	Paulson, Olaf	Calumet	Groceries	3	1	4
Oct. 9	Penberthy & Spehar	Calumet	Clothing	3	.....	3
Oct. 12	Peninsula Wholesale Grocery	Calumet	Groceries	2	.....	2
Oct. 10	Penney, J. C. Co.	Calumet	General merchandise	3	2	5
Oct. 11	Pine Street Pharmacy	Calumet	Drugs	2	.....	2
Oct. 10	Reding, N. & Sons	Calumet	Dry goods, shoes, etc	9	5	14
Oct. 13	Reshofsky, A.	Calumet	Clothing	1	.....	1
Oct. 24	Roach & Seeber Co.	Calumet	Groceries and produce	4	.....	4
Oct. 13	Rosenbaum, Saul	Calumet	Men's furnishings	1	5	6
Oct. 16	Ruppe, P. & Sons	Calumet	General merchandise	17	5	22
Oct. 15	Ruttenberg, Robert & Co.	Calumet	Clothing	3	.....	3
Oct. 12	Sahlstein, J. & Co.	Calumet	Men's furnishings	2	.....	2
Oct. 12	Shahen, Geo.	Calumet	General merchandise	1	.....	1
Oct. 17	Sterk, A.	Calumet	Clothing, etc	2	.....	2
Oct. 18	Suino, Frank	Calumet	Groceries	3	1	4
Nov. 15	Tamarack Cooperative Association	Calumet	General merchandise	48	43	91
Oct. 10	Tecotsky, S.	Calumet	Clothing and dry goods	2	1	3
Oct. 9	Vastbinder & Read	Calumet	Drugs	3	1	4
Oct. 16	Vertin Bros. & Co.	Calumet	General merchandise	21	33	54
Oct. 11	Warren, A.	Calumet	Jewelry	1	.....	1
Oct. 9	Warren Jewelry Co.	Calumet	Jewelry	1	1	2
Oct. 10	Woolworth, F. W.	Calumet	5 and 10c merchandise	4	15	19
Aug. 30	Chassell Drug Store	Chassell	Drugs	2	.....	2
Aug. 13	Chassell Mercantile Co.	Chassell	General merchandise	5	2	7
Aug. 30	Eber, P. Reid	Chassell	Groceries	1	1	2
Aug. 30	Gagnon, John A.	Chassell	Feed	2	.....	2
Aug. 30	Wilkinson, Edward J.	Chassell	General merchandise	2	.....	2
Oct. 5	Jurmu, Matt	Dollar Bay	General merchandise	5	2	7
Oct. 5	Koppelman, Ed. & Brother	Dollar Bay	Groceries, candy, etc	2	.....	2
Oct. 5	Schulte, A. M. & Co.	Dollar Bay	General merchandise	10	4	14

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	HOUGHTON CO.—*Con.*					
Sept. 21	Arne, Benjamin	Hancock	Clothing	3	5	8
Sept. 21	Bell's Bazaar	Hancock	Notions	1	2	3
Sept. 19	Bianchi & Dianda	Hancock	Ice cream	3	2	5
Sept. 20	Borresen, Otto	Hancock	Jewelry	2	1	3
Sept. 24	Carney, W. L	Hancock	Groceries	2	.....	2
Sept. 24	Cash Saving Store	Hancock	Groceries	1	1	2
Sept. 22	City Candy Kitchen	Hancock	Ice cream, etc	1	1	2
Sept. 22	Cohodas, H	Hancock	Fruits and vegetables	1	1	2
Sept. 22	Ehler, Jacob & Co	Hancock	Shoes	3	1	4
Sept. 13	Federighi, Antonio	Hancock	Groceries	2	1	3
Sept. 19	Gartner, Jacob	Hancock	General merchandise	4	36	40
Sept. 21	Gekas, Charles	Hancock	Ice cream, etc	3	2	5
Sept. 13	Great Atlantic & Pacific Tea Co., The	Hancock	Teas, etc	1	1	2
Sept. 20	Hancock Dry Goods Co., The	Hancock	Dry goods	.....	7	7
Sept. 21	Hancock Mercantile Co	Hancock	Groceries, etc	3	.....	3
Sept. 14	Jarvis, Henry	Hancock	Groceries, etc	2	.....	2
Sept. 21	Joffee, Herman P	Hancock	Clothing, etc	2	.....	2
Sept. 13	Lencioni Bros	Hancock	Groceries	1	2	3
Sept. 20	MacDonald Furniture Co	Hancock	Furniture	5	1	6
Sept. 24	Mahfuz, Lutfey	Hancock	5 and 10c merchandise	1	5	6
Sept. 20	Manley, James	Hancock	Groceries	1	1	2
Sept. 21	Mayworm, Frank C	Hancock	Jewelry	1	1	2
Sept. 21	Moss & Levine	Hancock	Clothing	2	.....	2
Sept. 13	Mugniani, Raffaello	Hancock	Groceries	2	1	3
Sept. 21	Nichols, Geo. H	Hancock	Drugs	6	.....	6
Sept. 20	Office Shops, The	Hancock	Office fixtures	1	1	2
Sept. 20	Reid, William	Hancock	Groceries	9	.....	9
Sept. 14	Rock Bros	Hancock	Groceries	3	.....	3
Sept. 20	Ruppe, P. & Sons	Hancock	General merchandise	10	2	12
Sept. 24	Schulte Bros	Hancock	General merchandise	8	2	10
Sept. 21	Shinsky, Isaac	Hancock	Clothing	1	.....	1
Sept. 21	Tillman, A. A. Co	Hancock	Furniture	2	1	3
Sept. 20	Waara, Edward	Hancock	Jewelry	2	.....	2
Sept. 24	Waisanen, John	Hancock	Men's furnishings	2	.....	2
Sept. 14	Wellmann, Carl	Hancock	Groceries	1	1	2
Sept. 22	Zoya Bros	Hancock	Drugs	2	.....	2
Sept. 11	Atkin, L. H	Houghton	Drugs	3	1	4
Sept. 5	Arend's Confectionery	Houghton	Confectionery, etc	1	1	2
Sept. 21	City Drug Store	Houghton	Drugs	4	.....	4
Sept. 7	Economy Cash Grocery, The	Houghton	Groceries	2	1	3
Sept. 7	Haas, Ed. & Co	Houghton	Clothing	4	.....	4
Sept. 7	Hecker Grocery Co	Houghton	Groceries	1	1	2
Sept. 10	Hixson, E. R	Houghton	Groceries	6	.....	6
Sept. 8	Houghton Department Store Co	Houghton	Dry goods	3	5	8
Sept. 5	Kellow, R. D	Houghton	Groceries and fruits	2	1	3
Sept. 5	Kirkish Bros	Houghton	Dry goods, etc	3	2	5
Sept. 6	Kirkish & Haggar	Houghton	Clothing	2	1	3
Sept. 8	Krellwitz, L. H	Houghton	Provisions and fruits	2	.....	2
Sept. 5	Kremen, Boris	Houghton	Clothing	5	.....	5
Sept. 10	Kroll's Drug Store	Houghton	Drugs	3	.....	3
Sept. 8	Levine, M	Houghton	Dry goods	5	20	25
Sept. 7	Lundahl, L. A	Houghton	Drugs	1	1	2
Sept. 5	McVicar, W. S	Houghton	General groceries	2	.....	2
Sept. 4	Oleson, Svan	Houghton	Clothing, etc	2	.....	2
Sept. 5	Phillips, S. L	Houghton	Men's furnishings	2	.....	2
Sept. 10	Tracy, Eri E	Houghton	Groceries	3	.....	3
Sept. 5	West Side Pharmacy	Houghton	Drugs	2	1	3
Sept. 5	Woolworth, F. W. Co	Houghton	5 and 10c merchandise	3	11	14
Sept. 5	Yellow Front Curio Store, The	Houghton	Curios, etc	2	1	3
Oct. 31	Gillet's Jewelry Store	Hubbell	Jewelry	2	.....	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	HOUGHTON CO.—*Con.*					
Oct. 31	Hubbell Pharmacy	Hubbell	Drugs	1	2	3
Oct. 31	LeBlanc Bros	Hubbell	Feed and groceries	3	1	4
Oct. 31	Reding, Nicholas	Hubbell	General merchandise	3	1	4
Oct. 31	Rheaum, Eugene	Hubbell	Groceries	1	1	2
Oct. 31	Toplon, M	Hubbell	General merchandise	3	4	7
Sept. 11	Moon, John	Hurontown	Groceries	2	1	3
Nov. 10	Finnish Workmen's Cooperative Co., The	Kearsarge	General merchandise	4	3	7
Nov. 10	Petermann Store Co., Inc	Kearsarge	General merchandise	17	6	23
Nov. 2	Carpenter, Fred	Lake Linden	Dry goods, etc	2	6	8
Nov. 8	Fillion, William	Lake Linden	Groceries	1	2	3
Nov. 1	Fink's Store	Lake Linden	Groceries	1	1	2
Nov. 1	Grammas, George	Lake Linden	Ice cream, etc	2	.....	2
Nov. 2	Guibord, Thomas	Lake Linden	Groceries	2	1	3
Nov. 2	Hopf, Wm	Lake Linden	Shoes	1	.....	1
Nov. 9	Jacobson, S	Lake Linden	Dry goods, etc	1	2	3
Nov. 1	Laplante, M	Lake Linden	Groceries	4	1	5
Nov. 2	Lake Linden Cooperative Society	Lake Linden	General merchandise	4	5	9
Nov. 9	Marcotte, Ed. J	Lake Linden	Jewelry	1	.....	1
Nov. 7	Men's Store, The	Lake Linden	Men's furnishings	2	.....	2
Nov. 2	Mogk, A. G	Lake Linden	Drugs	3	1	4
Nov. 2	Nathenson, Henry	Lake Linden	Clothing	3	.....	3
Nov. 2	Peiffer, John	Lake Linden	Groceries	3	.....	3
Nov. 9	Penninger, H. E	Lake Linden	Sporting goods	3	.....	3
Nov. 8	Rule, T. H. & Bro	Lake Linden	Groceries	4	.....	4
Nov. 1	Sutton, E. F. Co., The	Lake Linden	General merchandise	11	14	25
Nov. 1	Wiesenauer, F. G	Lake Linden	News depot	1	.....	1
Oct. 30	Arnovits Bros	Laurium	Dry goods	2	2	4
Oct. 30	Barsanti & Co	Laurium	Fruits and vegetables	3	1	4
Oct. 26	B. & H. Grocery Service	Laurium	Groceries	2	1	3
Oct. 26	Calumet Cash Store	Laurium	Groceries	2	1	3
Oct. 26	Finlayson, J. K	Laurium	Groceries	3	2	5
Oct. 26	Jewel Tea Co	Laurium	Teas and coffees	9	1	10
Oct. 30	Laurium Music Shop	Laurium	Musical instruments	2	1	3
Oct. 27	LeFave, Simon	Laurium	Fruits and vegetables	2	1	3
Oct. 27	Michelini & Bertasso	Laurium	Confectionery, etc	2	1	3
Oct. 26	Nelson, Nels	Laurium	Groceries	2	.....	2
Oct. 26	Peoples Furniture Store	Laurium	Furniture	1	1	2
Oct. 25	Piira, Olaf	Laurium	Jewelry	3	.....	3
Oct. 27	Ryckman Store Co	Laurium	General merchandise	4	2	6
Oct. 25	Samida, Matt	Laurium	Groceries	3	.....	3
Oct. 30	Spero's Tog Shop	Laurium	Men's furnishings	1	1	2
Oct. 26	Superior Pharmacy	Laurium	Drugs	3	.....	3
Oct. 25	Swykert, Joe	Laurium	Groceries	2	2	4
Oct. 25	Tinetti, Paul	Laurium	General merchandise	4	.....	4
Oct. 27	Torreano, James	Laurium	Groceries, etc	3	1	4
Oct. 29	Vivian, J., Jr. & Co	Laurium	General merchandise	22	11	33
Oct. 30	Vivian, J. C	Laurium	Drugs	3	.....	3
Oct. 30	Wilson, Ambrose	Laurium	Books and stationery	1	1	2
Oct. 29	Vivian, J., Jr. & Co	Osceola	General merchandise	5	.....	5
	HURON COUNTY.					
Nov. 17	Clark & McCaren	Bad Axe	Groceries	17	4	21
Nov. 17	Crosby, E. H. & Co	Bad Axe	Groceries	5	2	7
Nov. 17	Dailey & Joslin	Bad Axe	General merchandise	1	2	3
Nov. 17	Dundas, Arthur	Bad Axe	Hardware	6	1	7
Nov. 17	Lane, I. D	Bad Axe	Drugs	2	.....	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	HURON CO.—*Con.*					
Nov. 17	Littleton & Graham	Bad Axe	General merchandise	2	3	5
Nov. 17	Nugents' Department Store	Bad Axe	Dry goods	4	.....	4
Nov. 17	Randall, Walter	Bad Axe	Groceries	1	2	3
Nov. 17	Weinberg, Max J	Bad Axe	Ladies' garments	2	1	3
Nov. 21	Wallace & Morley	Bay Port	General merchandise	9	2	11
Dec. 4	Smith, Edwin A	Caseville	General merchandise	3	2	5
Nov. 20	Dew & Scholtshauer	Elkton	General merchandise	2	1	3
Nov. 20	Kellerman, H	Elkton	Shoes	2	.....	2
Nov. 20	Oppenheim, Louis	Elkton	General merchandise	2	1	3
Nov. 20	Rice, S. B	Elkton	General merchandise	3	2	5
Nov. 20	Schiele's Drug Store	Elkton	Drugs	2	.....	2
Nov. 20	Sydnam, B. R	Elkton	Hardware	2	.....	2
Nov. 14	Lesszynski & Co	Harbor Beach	General merchandise	7	3	10
Nov. 14	Mihlethaler Co., The	Harbor Beach	General merchandise	17	7	24
Nov. 26	Ahearn, James	Kinde	General merchandise	1	1	2
Nov. 26	Kinde, A. & Co	Kinde	General merchandise	3	2	5
Nov. 26	Kinde Hardware Co., The	Kinde	Hardware	5	.....	5
Nov. 21	Black's Money Saving Mail Order Co	Pigeon	General merchandise	5	9	14
Nov. 21	Brown, W. J	Pigeon	General merchandise	1	1	2
Nov. 20	Hirshberg, A. & Son	Pigeon	General merchandise	2	4	6
Nov. 21	Kahn, Mose	Pigeon	General merchandise	1	1	2
Nov. 21	Leipprandt Brothers	Pigeon	Hardware	3	.....	3
Nov. 21	Muentener, George C	Pigeon	Groceries	1	1	2
Nov. 21	Paul, E	Pigeon	Hardware and implements	3	.....	3
Nov. 27	Wallace Co., The	Port Austin	General merchandise	5	1	6
Nov. 15	DeWitt, Elmer	Port Hope	Produce	1	1	2
Nov. 15	Engle & Smith	Port Hope	Hardware and implements	2	.....	2
Nov. 15	Port Hope Mercantile Co	Port Hope	General merchandise	2	2	4
Nov. 15	Ramsey Co., The	Port Hope	General merchandise	1	1	2
Dec. 4	Danin & Weinberg	Owendale	General merchandise	2	1	3
Dec. 4	Koffman Brothers	Owendale	General merchandise	2	2	4
Dec. 4	Livingston, C. M	Owendale	General merchandise	1	1	2
Dec. 4	Schnepp, Henry	Owendale	Hardware	2	.....	2
Nov. 13	Ebach, L. J	Ruth	Hardware	1	.....	1
Nov. 13	Schroeder, J. F	Ruth	General merchandise	2	.....	2
Nov. 13	Tschirhart, J	Ruth	General merchandise	1	1	2
Nov. 13	Wahla & Susalla	Ruth	General merchandise	2	.....	2
Nov. 22	Liken, John C. & Co	Sebewaing	General merchandise	11	4	15
Nov. 22	Myers & Riedel Co	Sebewaing	General merchandise	5	2	7
Nov. 22	Rummel, John & Co., Inc	Sebewaing	General merchandise	6	1	7
Nov. 24	Eilber, B. & S	Sebewaing	General merchandise	3	1	4
Nov. 24	Plietz, George A	Ubly	General merchandise	2	2	4
	INGHAM COUNTY.					
Aug. 7	Adelberg & Berman	Lansing	Clothing	2	3	5
Sept. 13	Arbaugh, F. N. Co	Lansing	General merchandise	32	70	102
July 19	Armistead, G. F	Lansing	Groceries	2	1	3
July 21	Azar	Lansing	Groceries	2	.....	2
Aug. 7	Beck, Louis	Lansing	Clothing	3	.....	3
Oct. 11	Buck, M. J. & B. M. Co	Lansing	Furniture	21	3	24
Aug. 13	Buehler, John	Lansing	Groceries	4	1	5
Aug. 7	Cable Piano Co	Lansing	Pianos	5	2	7
Oct. 11	Campbell & Darling	Lansing	Drugs	3	.....	3
Aug. 13	Candyland	Lansing	Confectionery	9	6	15
Aug. 13	Clevenger Stores, The	Lansing	Dry goods	3	11	14
Oct. 15	Dancer-Brogan Co	Lansing	General merchandise	14	48	62
Aug. 8	Davis Brothers	Lansing	Shoes	5	1	6
Aug. 8	Desenberg's	Lansing	Clothing	3	2	5
Aug. 7	East Side Economy Store	Lansing	Dry goods, etc	1	1	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	INGHAM CO.—*Con.*					
Aug. 8	Edington Rug Co., The	Lansing	Rugs	2	1	3
July 23	Eldred, W. B	Lansing	Groceries	2	.....	2
Aug. 7	Elite Clothing Co	Lansing	Clothing	2	.....	2
Aug. 7	Emery, A. M	Lansing	Books, etc	4	3	7
Aug. 13	Ewing-Pennell Co., The	Lansing	House furnishings	5	1	6
July 20	Evens, L. M	Lansing	Groceries	1	1	2
July 24	Fackler, J	Lansing	Groceries	2	1	3
Aug. 8	Freeman Hardware Co	Lansing	Hardware	6	1	7
Aug. 8	Frost & Walters	Lansing	Clothing	4	.....	4
Aug. 8	Gately's	Lansing	Clothing	2	2	4
Sept. 13	Grand Leader, The	Lansing	Dry goods	4	13	17
Aug. 7	Grinnell Brothers	Lansing	Pianos, music, etc	10	4	14
July 21	Holliday, J. C. & Son	Lansing	Groceries	3	.....	3
Aug. 7	Hoover-Bond Co	Lansing	House furnishings	10	1	11
Aug. 13	Jury-Rowe Co	Lansing	House furnishings	18	3	21
Sept. 10	Kimball, W. W	Lansing	Pianos, etc	7	.....	7
Aug. 14	Knapp, J. W	Lansing	General merchandise	18	111	129
Aug. 18	Kresge, S. S. Co	Lansing	5 and 10 cent goods	4	19	23
Aug. 8	Lansing Bazaar	Lansing	Notions	2	3	5
July 30	Larabee & Son	Lansing	Groceries, etc	2	.....	2
July 30	Liberal Credit Clothing Co	Lansing	Clothing	2	2	4
Aug. 13	Loftus, F. M	Lansing	Groceries	17	3	20
Oct. 11	Mathews, John	Lansing	Groceries	2	2	4
Aug. 10	Mills Dry Goods Co	Lansing	Dry goods, etc	11	49	60
Aug. 8	Norton Hardware Co	Lansing	Hardware	7	2	9
Aug. 13	O'Connell Brothers	Lansing	Dry goods	2	2	4
Aug. 14	Puritan Candy Store	Lansing	Confectionery, etc	4	5	9
Sept. 11	Rann, E. L	Lansing	Dry goods, etc	1	2	3
July 24	Rogers, A. P	Lansing	Groceries	2	.....	2
Aug. 6	Rork & Price	Lansing	General merchandise	3	2	5
Aug. 8	Schafer, J. P	Lansing	Groceries	3	1	4
Aug. 8	Schetzer, A. & Co	Lansing	Clothing	4	.....	4
Sept. 11	Seaman Co., The	Lansing	Ladies' clothing	1	4	5
Aug. 8	Simons Dry Goods Co	Lansing	Dry goods	3	8	11
Oct. 11	South Side Jewelry Co., The	Lansing	Jewelry	1	.....	1
Sept. 17	Sprowl Brothers	Lansing	Ladies' clothing	6	21	27
Aug. 8	Stahl, J. & Son	Lansing	Hardware	6	2	8
Aug. 8	Stewart, A. E	Lansing	Groceries	3	1	4
Aug. 13	Sugar Bowl, The	Lansing	Confectionery	6	7	13
Oct. 11	Swanton Drug Co	Lansing	Drugs	4	.....	4
Oct. 11	Treadwell, F. T	Lansing	Shoes	2	.....	2
Aug. 8	Trivers Clothes Shop	Lansing	Clothing	3	.....	3
July 23	Tymiak, M. A	Lansing	Groceries	1	2	3
Aug. 8	Walk Over Boot Shop	Lansing	Shoes	5	1	6
Aug. 7	Woodworth Shoe Store	Lansing	Shoes	8	1	9
Aug. 7	Woolworth, F. W. Co	Lansing	5 and 10 cent goods	5	28	33
July 16	DuBois Store, The	Leslie	General merchandise	5	1	6
July 6	Mitchell, G. S	Leslie	General merchandise	3	1	4
July 6	Murphy, J. J	Leslie	General merchandise	3	1	4
July 5	Cortright, J. A	Mason	Dry goods	1	1	2
July 5	Miles, J. B	Mason	Notions	1	1	2
July 6	Parkhurst, C. A	Mason	Dry goods	1	1	2
July 26	Barrett, W. S	Williamston	General merchandise	2	2	4
July 26	King, C. W	Williamston	General merchandise	1	2	3
July 25	Van Buren, F. P. & Co	Williamston	General merchandise	4	2	6

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	IONIA COUNTY.					
Aug. 13	Batchelor & Brown	Belding	Groceries	1	.....	1
Aug. 13	Bricker, W. F	Belding	Dry goods, etc	1	2	3
Aug. 16	Chapman & Strunk	Belding	Groceries	2	1	3
Aug. 15	Connell, Harry J	Belding	Drugs	3	.....	3
Aug. 15	Crammer, R. G	Belding	Groceries	2	1	3
Aug. 13	De Vlieger, J. & Son	Belding	Groceries	5	.....	5
Aug. 13	Foster, Charles S	Belding	Furniture	2	.....	2
Aug. 13	Friedman, A	Belding	Clothing	2	.....	2
Aug. 13	Fristoe & Divine	Belding	Clothing	3	1	4
Aug. 10	Hudson, E. E	Belding	Groceries	2	.....	2
Aug. 15	Hudson, Frank H	Belding	Groceries	2	.....	2
Aug. 15	Jensen & Wheeler	Belding	Dry goods	2	3	5
Aug. 15	King, Jud W	Belding	Groceries	1	1	2
Aug. 13	Kingsbury, G. W	Belding	Groceries	2	.....	2
Aug. 16	Lamb, H. A	Belding	Groceries	3	1	4
Aug. 13	Lincoln, F. D	Belding	General merchandise	1	6	7
Aug. 13	Lloyd, E. C	Belding	Dry goods	2	5	7
Aug. 10	Miller & Harris Furniture Co	Belding	Furniture	2	.....	2
Aug. 13	Morse, Orlo	Belding	Shoes	1	.....	1
Aug. 13	Patterson's	Belding	General merchandise	1	1	2
Aug. 13	Runnler, A. J	Belding	Gents' furnishings	1	.....	1
Aug. 15	Skellenger, D. D	Belding	Groceries	1	1	2
Aug. 13	Smith & Whitney	Belding	Shoes	3	.....	3
Aug. 13	Stanton, Smith	Belding	Confectionery	2	.....	2
Aug. 13	Thomas, George W	Belding	Jewelry	1	.....	1
Aug. 13	Underwood Brothers	Belding	Groceries	4	.....	4
Aug. 13	Vie, T. A	Belding	Second hand goods	1	.....	1
Aug. 15	Waldo, R. H	Belding	Jewelry	1	1	2
Aug. 15	Willoughby, M. L	Belding	Jewelry	2	.....	2
Aug. 15	Wortley & French	Belding	Drugs	3	.....	3
Aug. 31	Birchard, F. N	Clarksville	Implements	2	.....	2
Aug. 31	Harvey, Marvin A	Clarksville	Drugs	1	1	2
Aug. 31	La Monte, M. T. & Co	Clarksville	Clothing and shoes	3	.....	3
Aug. 31	Lenhard, M. P	Clarksville	Dry goods and groceries	1	2	3
Aug. 31	Marvin, George E. & Son	Clarksville	Hardware, furniture, etc	3	.....	3
Aug. 31	Pierce, J. S	Clarksville	General merchandise	1	2	3
Aug. 31	Preston, Perry L	Clarksville	Harness, robes and shoes	1	.....	1
Aug. 31	Renkes, A. C	Clarksville	General merchandise	1	2	3
Aug. 31	Hayes, A. C	Elmdale	General merchandise	1	1	2
Aug. 21	Burns, J. W	Hubbardston	Hardware	2	.....	2
Aug. 21	Cowman, J. W	Hubbardston	General merchandise	1	1	2
Aug. 21	Cowman, J. W	Hubbardston	Clothing and shoes	2	.....	2
Aug. 21	Fahey, P. H	Hubbardston	General merchandise	3	.....	3
Aug. 21	Grill, I. C	Hubbardston	Hardware and implements	3	.....	3
Aug. 21	Kennedy, M	Hubbardston	Dry goods	.....	2	2
Aug. 21	Sammon, James	Hubbardston	Ice cream	1	.....	1
Aug. 21	Townsend, W. H	Hubbardston	Groceries	1	2	3
Aug. 2	Allen Brothers' Department Store	Hubbardston	General merchandise	5	5	10
Aug. 9	Balice, D. & Co	Ionia	Groceries	2	1	3
Aug. 9	Bandfield, T. J	Ionia	Furniture	1	.....	1
Aug. 9	Beattie, J. C	Ionia	Shoes	2	.....	2
Aug. 7	Bergy, H. E	Ionia	Notions	2	1	3
Aug. 9	Brander, C. W	Ionia	Jewelry	1	1	2
Aug. 9	Brock, L. P	Ionia	Shoes	1	.....	1
Aug. 8	Buck, Thomas R	Ionia	Clothing	3	.....	3
Aug. 3	Carten, Thomas A	Ionia	Dry goods, etc	10	29	39
Aug. 7	Clark, L. S	Ionia	Jewelry	2	.....	2
Aug. 9	Curtis, George E. & Sons	Ionia	Groceries	4	.....	4
Aug. 9	Cutler-Lauster Drug Co	Ionia	Drugs	2	.....	2
Aug. 9	Decker Brothers	Ionia	Groceries	5	.....	5

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	IONIA CO.—*Con.*					
Aug. 8	Douglass Shoe Co., The	Ionia	Shoes	3	.....	3
Aug. 3	Fashion Cloak Co	Ionia	Ladies' garments	1	4	5
Aug. 7	French, G. W. & Son	Ionia	Jewelry	3	1	4
Aug. 8	Hackett, George	Ionia	Implements	2	.....	2
Aug. 7	Harris Furniture Co	Ionia	Furniture	2	.....	2
Aug. 9	Hemens, S	Ionia	Drugs, etc	2	1	3
Aug. 9	Hutchins Brothers	Ionia	Groceries	2	.....	2
Aug. 7	Jack, C. B	Ionia	Second hand goods	3	.....	3
Aug. 9	Jeffries & Lauster	Ionia	Drugs	1	.....	1
Aug. 7	Johnson, Peter L	Ionia	Soft drinks	4	.....	4
Aug. 9	Krainbrink & Fuller	Ionia	Jewelry	4	.....	4
Aug. 7	Lampkin, Bert & Son	Ionia	Clothing	2	.....	2
Aug. 9	Lauster, Charles	Ionia	Groceries	2	1	3
Aug. 9	McGannon, Thomas	Ionia	Shoes	2	.....	2
Aug. 8	McVeigh, D. O. & Son	Ionia	General merchandise	3	.....	3
Aug. 8	Morgenthaler, L. H	Ionia	Drugs	3	.....	3
Aug. 9	Phelps, G. F. & Son	Ionia	Groceries	3	.....	3
Aug. 3	Quality Store	Ionia	Ladies' clothing	3	8	11
Aug. 9	Rich, H. A	Ionia	Groceries	2	.....	2
Aug. 9	Robb & Reed	Ionia	Groceries	7	1	8
Aug. 8	Silver's Department Store	Ionia	Clothing	3	3	6
Aug. 9	Smith, Smith & McSween	Ionia	Drugs, etc	3	1	4
Aug. 8	Snyder & Laux	Ionia	Tobacco, etc	4	.....	4
Aug. 7	Spaulding & Powell	Ionia	Implements	2	.....	2
Aug. 2	Stevenson, F. W. Co., The	Ionia	Dry goods	3	6	9
Aug. 9	Van Allen & McGowan	Ionia	Drugs	2	.....	2
Aug. 7	Wagner, J. F	Ionia	Clothing	3	1	4
Aug. 8	Whitney, Fred J	Ionia	Notions	1	2	3
Aug. 8	Winchell & Giddings	Ionia	Clothing	2	.....	2
Aug. 7	Winchell & Stone	Ionia	Furniture	2	.....	2
Aug. 8	Wolf, J. M. & Co	Ionia	Clothing	4	.....	4
Aug. 6	Young, Fred & Co	Ionia	Hardware, etc	5	.....	5
Aug. 30	Campbell & Gilson	Lake Odessa	Clothing and shoes	2	.....	2
Aug. 30	Carpenter, Claude Implement Co	Lake Odessa	Implements	3	.....	3
Aug. 28	De Rose Brothers	Lake Odessa	Confectionery and cigars	1	.....	1
Aug. 30	Everett, M. E	Lake Odessa	Jewelry and china	1	1	2
Aug. 30	Forster, Theo	Lake Odessa	Jewelry	1	.....	1
Aug. 30	Griffin, J. H	Lake Odessa	Groceries and china	2	.....	2
Aug. 29	Goodsell Hardware Co	Lake Odessa	Hardware	2	.....	2
Aug. 30	Klap, Mrs. John	Lake Odessa	Ice cream, etc	.....	2	2
Aug. 29	Lapo, Charles A	Lake Odessa	Implements	3	.....	3
Aug. 29	McCartney, William H	Lake Odessa	General merchandise	2	4	6
Aug. 30	Miner, Otis	Lake Odessa	General merchandise	2	2	4
Aug. 29	Naber, William	Lake Odessa	Groceries	2	.....	2
Aug. 30	Nye, Alton L	Lake Odessa	Drugs	2	.....	2
Aug. 29	Peacock, J. E	Lake Odessa	Groceries	1	2	3
Aug. 29	Russell Second Hand Store	Lake Odessa	Second hand goods	2	.....	2
Aug. 28	Scheidt, James S	Lake Odessa	Hardware	2	.....	2
Aug. 28	Shellhorn, Ed	Lake Odessa	Clothing and shoes	2	1	3
Aug. 29	Smelker, F. W	Lake Odessa	Drugs	2	1	3
Aug. 29	Strong, Volney	Lake Odessa	Groceries	1	1	2
Aug. 30	Tew, E. C. & Sons	Lake Odessa	General merchandise	6	2	8
Aug. 29	Urtel, Fred A	Lake Odessa	Groceries	3	.....	3
Aug. 30	VanHouten, H	Lake Odessa	Coffee and tea	1	1	2
Aug. 30	Vetter Hardware Co	Lake Odessa	Hardware and furniture	2	.....	2
Aug. 28	Weed, G. A	Lake Odessa	Furniture	2	.....	2
Aug. 20	Bradt, A. E	Lyons	Furniture	1	1	2
Aug. 17	Grove, Frank H	Lyons	General merchandise	2	.....	2
Aug. 17	Hackett, P. E	Lyons	Drugs	1	1	2
Aug. 17	Hatch & Baker	Lyons	Hardware	2	.....	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	IONIA CO.—*Con.*					
Aug. 17	Kelley, H. D	Lyons	General merchandise	2	1	3
Aug. 20	Shoemaker, J. H	Lyons	General merchandise	1	1	2
Aug. 18	Branyan, R. W	Muir	Hardware	1	1	2
Aug. 17	Burtraw, Frank A	Muir	General merchandise	2	2	4
Aug. 18	Douglas, Dayton	Muir	Harness and buggies	3	.....	3
Aug. 17	Greenwood, L. M	Muir	Clothing	2	.....	2
Aug. 18	Hettler, Joseph J	Muir	Hardware	2	.....	2
Aug. 17	Ludwick, J. B	Muir	General merchandise	1	2	3
Aug. 18	Randell, M. F	Muir	Notions	.....	2	2
Aug. 18	Shaw, G. N. & Son	Muir	Furniture	1	1	2
Aug. 17	Strachan, John D	Muir	General merchandise	3	.....	3
Aug. 18	Sykes, William	Muir	Implements	2	.....	2
Aug. 27	Hill, F. J	Orleans	General merchandise	1	1	2
Aug. 27	Patterson, R. A	Orleans	General merchandise	1	1	2
Aug. 27	Rasmussen, A	Orleans	General merchandise	1	1	2
Aug. 27	Sherwood, A. L. Co	Orleans	Hardware and groceries	1	1	2
Aug. 27	Spaulding, Jerry	Orleans	Implements, etc	2	.....	2
Aug. 21	Cotter, James T	Pewamo	General merchandise	2	1	3
Aug. 21	Crabb, S. R	Pewamo	Drugs	1	1	2
Aug. 21	Doering, Charles W	Pewamo	Shoes	1	.....	1
Aug. 21	Fisher, Rollin N	Pewamo	Jewelry	1	1	2
Aug. 21	Long, Benjamin W	Pewamo	General merchandise	1	2	3
Aug. 2	Thuma, S. S	Pewamo	Groceries	1	2	3
Aug. 21	Vance, Oscar M	Pewamo	General merchandise	2	1	3
Aug. 22	Bandfield, T. J. & Son	Portland	Furniture	2	.....	2
Aug. 6	Barton Brothers	Portland	Implements	3	.....	3
Aug. 23	Beebe, B. J. & Son	Portland	Groceries	3	.....	3
Aug. 24	Blanchard Bros	Portland	House furnishings	2	.....	2
Aug. 23	Bywater, Carl D	Portland	Drugs	2	.....	2
Aug. 23	Churchill & Woodbury	Portland	General merchandise	2	1	3
Aug. 22	Crane Drug Co., The	Portland	Drugs and books	2	.....	2
Aug. 23	Esch, Mrs. N. G	Portland	Art goods	.....	2	2
Aug. 23	Higbee, R. E	Portland	Notions	1	1	2
Aug. 22	Hixson, Leon E	Portland	Jewelry	1	1	2
Aug. 23	Lehman, L. C. & Co	Portland	Clothing and shoes	2	.....	2
Aug. 22	McClelland, John A. & Son	Portland	General merchandise	4	3	7
Aug. 23	Packard, D. A	Portland	Implements	2	.....	2
Aug. 23	Portland Hardware Co	Portland	Hardware	4	.....	4
Aug. 22	Richards, Elon A	Portland	Drugs and groceries	6	.....	6
Aug. 23	Robinson, O. E	Portland	Groceries and shoes	3	1	4
Aug. 22	Stocum, W. B	Portland	Hardware	2	1	3
Aug. 23	Stone, Will C	Portland	General merchandise	1	2	3
Aug. 23	Sulpizio, Alfonso	Portland	Ice cream and confectionery	1	4	5
Aug. 22	Tomy & Dawdy	Portland	Clothing and shoes	3	.....	3
Sept. 18	Benson, M. A	Saranac	Hardware	2	.....	2
Sept. 8	Clark, A. B	Saranac	Groceries	1	1	2
Sept. 18	Densmore, W. E	Saranac	Furniture	2	.....	2
Sept. 8	Harris, H. S	Saranac	Groceries	3	.....	3
Sept. 8	Huntley, A. W	Saranac	Drugs	2	.....	2
Sept. 8	Mercer, T. G. & Co	Saranac	General merchandise	1	1	2
Sept. 8	Mick, Charles	Saranac	Groceries and shoes	1	1	2
Sept. 8	Otis & Otis	Saranac	Groceries	2	.....	2
Sept. 8	Watt, S. A	Saranac	General merchandise	2	1	3
Sept. 8	Wilkinson & Ogilvie	Saranac	Hardware	2	.....	2
Aug. 14	Cook, J. A	Smyrna	General merchandise	1	1	2
Aug. 14	Kimberly, L. J	Cooks Corners	Groceries	1	1	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	IOSCO COUNTY.					
Aug. 8	Phelps, John G	Alabaster	Groceries	1	1	2
Aug. 6	Butler, H. N. & Co	East Tawas	Dry goods	1	2	3
Aug. 7	Dillon, James E	East Tawas	Drugs	2	1	3
Aug. 7	King, E. L	East Tawas	Furniture	3	1	4
Aug. 7	Sempliner, Joseph	East Tawas	Dry goods	1	1	2
Aug. 9	Brown, R. D	Hale	Hardware	1	.....	1
Aug. 9	Dubey, G. A	Hale	Groceries	2	.....	2
Aug. 9	Kocher, J. H	Hale	Groceries	1	.....	1
Aug. 9	Little, J	Hale	Furniture	1	.....	1
Aug. 6	Nunn, H. E	Hale	Hardware	1	.....	1
Aug. 9	Pearlman, J	Hale	General merchandise	1	.....	1
Aug. 9	Yawger, S. B	Hale	General merchandise	1	.....	1
Aug. 7	Damerow, Mrs. J. H	Oscoda	Groceries	1	1	2
Aug. 7	Morea, Marks	Oscoda	General merchandise	3	1	4
Aug. 7	Rix, V. E	Oscoda	Groceries	4	.....	4
Aug. 6	Johnson, L. J	Tawas City	Jewelry	1	.....	1
Aug. 6	Taylor, F. F. & Co	Tawas City	Dry goods	2	1	3
Aug. 6	Blumenau, A	Whittemore	General merchandise	3	.....	3
	IRON COUNTY.					
Dec. 20	Bridges, Sam	Crystal Falls	Drugs	2	.....	2
Dec. 27	Cash Grocery Store, The	Crystal Falls	Groceries	1	1	2
Dec. 27	Finnish & Swedish Mercantile Assn	Crystal Falls	Groceries	5	3	8
Dec. 20	Flood, A. L	Crystal Falls	Confectionery and fruits	1	1	2
Dec. 20	Girolimon, Joseph	Crystal Falls	Groceries	1	1	2
Dec. 20	Jacob Brothers	Crystal Falls	Jewelry	3	.....	3
Dec. 20	Kaplan & Putman	Crystal Falls	Gents' furnishings	2	.....	2
Dec. 20	Levine, H	Crystal Falls	General merchandise	1	1	2
Dec. 20	Mendelson, A	Crystal Falls	Dry goods	2	3	5
Dec. 20	Miller, Ely	Crystal Falls	Dry goods	2	2	4
Dec. 20	Peoples Store, The	Crystal Falls	Dry goods	2	1	3
Dec. 21	Rezin's Drug Store	Crystal Falls	Drugs	3	.....	3
Dec. 2	Rinne, August	Crystal Falls	Jewelry	1	1	2
Dec. 20	Ross, D. M. & Co	Crystal Falls	Groceries	3	.....	3
Dec. 20	Rossi, Joseph E	Crystal Falls	Confectionery	1	1	2
Dec. 20	Ruwitch, Herman	Crystal Falls	Dry goods	1	4	5
Dec. 19	Sackin, Abe Co	Crystal Falls	General merchandise	3	3	6
Dec. 20	Savings Bank Store, The	Crystal Falls	Furniture and hardware	2	1	3
Dec. 20	Warshawsky, S	Crystal Falls	Gents' furnishings	2	.....	2
Dec. 31	Ammermann, E	Iron River	Drugs	2	.....	2
Dec. 29	Bloch's Savings Store	Iron River	Dry goods, etc	1	1	2
Dec. 31	Central Drug Co	Iron River	Drugs	2	.....	2
Dec. 31	Cossetto & Co	Iron River	Dry goods	1	.....	1
Jan. 2	Counihan, Morris	Iron River	Jewelry	2	.....	2
Dec. 31	Daylight Store, The	Iron River	Confectionery and notions	1	2	3
Dec. 31	Drey, J. J. Co	Iron River	Dry goods	1	3	4
Dec. 29	Harris, Joseph	Iron River	Gents' furnishings	2	.....	2
Dec. 31	Hayes, J. P. & Co	Iron River	Dry goods and notions	2	2	4
Dec. 31	Huff, R. H	Iron River	General merchandise	2	2	4
Jan. 3	Iron River Mercantile Co	Iron River	General merchandise	11	5	16
Dec. 31	Iron River Pharmacy	Iron River	Drugs	2	.....	2
Jan. 2	Joseph, Joe & Co	Iron River	Gents' furnishings	2	1	3
Dec. 29	Kelly, P	Iron River	General merchandise	1	.....	1
Dec. 29	Krom's Department Store	Iron River	General merchandise	11	11	22
Dec. 29	Levine, Charles	Iron River	Dry goods	1	1	2
Dec. 31	Ochiltree, M	Iron River	Jewelry	1	1	2
Dec. 29	Plous, M. & Co	Iron River	Clothing and hardware	3	.....	3
Dec. 29	Ruus & Lindquist	Iron River	Groceries	4	.....	4
Dec. 29	Tegge, A. H	Iron River	Jewelry	1	1	2
Dec. 31	Warshawsky, D	Iron River	Gents' furnishings	2	.....	2
Jan. 3	Stambaugh Cheap Cash Store	Stambaugh	Dry goods	3	1	4
Jan. 3	Vilas, F. C	Stambaugh	Drugs	1	1	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	ISABELLA COUNTY.					
April 14	Childs' Store	Blanchard	General merchandise	3	1	4
April 14	Mason, N. C	Blanchard	Hardware and shoes	5	.....	5
April 14	Wiley, Claude	Blanchard	Drugs	2	.....	2
April 18	Breidenstein & Kane	Mt. Pleasant	Hardware and furniture	3	.....	3
April 27	Campbell's Store	Mt. Pleasant	General merchandise	2	1	3
April 20	Carroll, Pat	Mt. Pleasant	Implements	2	.....	2
April 18	Dittman, H. & Son	Mt. Pleasant	Shoes	4	.....	4
April 27	Doughty, W	Mt. Pleasant	Dry goods	3	6	9
April 20	Foster Furniture & Hardware Co	Mt. Pleasant	Furniture and hardware	3	1	4
April 21	Gray & Lathrop's Drug Store	Mt. Pleasant	Drugs	3	.....	3
April 27	Hagan, Charles E. Co	Mt. Pleasant	General merchandise	3	5	8
April 20	Johnson Brothers	Mt. Pleasant	Gents' furnishings	4	.....	4
April 20	Kane & Kane	Mt. Pleasant	Clothing and shoes	4	.....	4
May 1	Keenan, Frank	Mt. Pleasant	Groceries	4	.....	4
April 27	Kennedy Brothers	Mt. Pleasant	Feed	4	.....	4
April 27	Kenney, J. A. & Son	Mt. Pleasant	General merchandise	5	1	6
April 20	Lewis, W. E	Mt. Pleasant	Clothing	5	.....	5
April 18	Marsh, C. F	Mt. Pleasant	Groceries	2	1	3
April 27	Marsh & Graham	Mt. Pleasant	Dry goods	2	4	6
April 21	Minto-Woodruff Co	Mt. Pleasant	Clothing and shoes	4	1	5
April 27	Nickels-Merts & Co	Mt. Pleasant	5 and 10 cent goods	1	6	7
April 18	Normal Drug & Book Store	Mt. Pleasant	Drugs and books	2	1	3
April 18	Palmer, E. E	Mt. Pleasant	Drugs	3	.....	3
April 21	Ratliff, W. E	Mt. Pleasant	Groceries	3	.....	3
April 20	Russell & Foland	Mt. Pleasant	Jewelry	3	.....	3
April 20	Sweeney & Co	Mt. Pleasant	Groceries	4	.....	4
April 21	Taylor, P. Corey	Mt. Pleasant	Drugs, etc	3	1	4
April 26	Waterman, George E	Mt. Pleasant	General merchandise	3	5	8
April 27	Welsh, Martin	Mt. Pleasant	Groceries	2	.....	2
April 21	Whitehead, F. B	Mt. Pleasant	Hardware	2	.....	2
April 28	Hess, W. A	Rosebush	General merchandise	2	1	3
April 28	Johnston, Arthur E	Rosebush	General merchandise	1	1	2
May 3	Conley's Cash Bargain Store	Shepherd	Dry goods, shoes, etc	1	1	2
May 2	Cook Brothers	Shepherd	Drugs	3	1	4
May 2	Haskin, Nelson	Shepherd	Dry goods	2	1	3
May 2	Taylor, F. M	Shepherd	General merchandise	2	1	3
May 2	Thompson, Sid D	Shepherd	Drugs	2	.....	2
May 2	Upton, J. L	Shepherd	Hardware	2	.....	2
May 3	Wetsel, H. M	Shepherd	Hardware	2	.....	2
May 2	Wilson, E. C	Shepherd	Groceries	3	.....	3
April 16	Drallette, G. A. & Son	Weidman	General merchandise	5	1	6
April 16	Mills & Scott Brothers	Weidman	General merchandise	3	1	4
April 16	Woolworth, Charles H	Weidman	Implements	7	1	8
	JACKSON COUNTY.					
July 30	Ballard, C. W	Jackson	Shoes	3	1	4
Aug. 22	Bergey, T	Jackson	Dry goods	2	2	4
Aug. 3	Brown, Lots & Watt	Jackson	Dry goods	1	15	16
Aug. 3	Cook & Felder Co	Jackson	General merchandise	17	43	60
Aug. 13	Crandall Electric & Supply Co	Jackson	Electrical supplies	13	2	15
Aug. 3	Dexter, A. B	Jackson	Groceries	3	.....	3
Aug. 11	Field, L. H. Co., The	Jackson	Dry goods	34	108	142
Aug. 8	Finch Hardware Co	Jackson	Hardware	12	.....	12
Aug. 13	Fletcher-Alderman Co	Jackson	General merchandise	4	13	17
Aug. 9	Gallup & Lewis	Jackson	Furniture	25	5	30
Aug. 3	Gilman Department Store	Jackson	General merchandise	1	2	3
Aug. 3	Glasgow Brothers	Jackson	General merchandise	18	72	90
Aug. 2	Grand Leader Department Store, The	Jackson	General merchandise	2	12	14
Aug. 20	Graver, A	Jackson	Books, paper, etc	19	2	21
Aug. 11	Herrington, Eva B	Jackson	Novelties, etc	.....	3	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	JACKSON CO.—*Con.*					
Aug. 3	Hoffman Brothers	Jackson	Drugs	5	.....	5
Aug. 3	Houghton, Walter R	Jackson	Groceries	2	.....	2
Aug. 4	Hyndman & Way	Jackson	Drugs	2	.....	2
Aug. 3	Jacobsen's	Jackson	Clothing	3	11	14
July 30	Kresge, S. S. Co	Jackson	5 and 10 cent goods	4	32	36
July 31	Kurts, Frederick W	Jackson	Drugs	3	.....	3
Aug. 3	Lehr Hardware, The	Jackson	Hardware	8	1	9
Aug. 8	Lourim, J. H. & Co	Jackson	Dry goods	3	22	25
Aug. 7	Lyon, Kortenhoff & Co	Jackson	Confectionery	6	3	9
Aug. 8	McGraw & Crane	Jackson	Hardware	3	.....	3
Aug. 6	McQuillan & Harrison	Jackson	Gents' furnishings	7	1	8
Aug. 3	Marvin, Butnett & Mitchell	Jackson	Shoes and clothing	8	2	10
Aug. 4	Neesley Grocery Co	Jackson	Groceries	6	.....	6
July 30	Oppenheim, L. E. & Co	Jackson	Clothing	10	5	15
Aug. 8	Palmer Company, The, Inc	Jackson	Shoes and hosiery	5	1	6
Aug. 10	Reid & Carlton	Jackson	Implements	2	.....	2
Aug. 10	Risheill, W. A	Jackson	Groceries	4	.....	4
Aug. 8	Smith-Winchester Co	Jackson	Hardware	37	5	42
July 30	Style Shop, The	Jackson	Ladies' garments	2	8	10
Aug. 3	Tannebaum, R. Co	Jackson	Furniture and clothing	1	4	5
July 31	Walk-Over Boot Shop	Jackson	Shoes and hosiery	5	1	6
Aug. 2	Webb, E. T	Jackson	Drugs and jewelry	4	1	5
July 31	Woolworth, F. W. Co	Jackson	5 and 10 cent goods	6	30	36
July 30	Yocum & Taylor	Jackson	Leather goods	1	.....	1
Aug. 6	Jackson Candy Kitchen	Jackson	Confectionery	2	1	3
Aug. 31	Nichols, E. J	Springport	Dry goods	.....	2	2
	KALAMAZOO COUNTY.					
Dec. 5	Bradish, C. M. & Son	Augusta	General merchandise	2	.....	2
Dec. 5	Hill, Manfred Estate	Augusta	Groceries	4	1	5
Dec. 4	Moreau-Aldrich Co., Inc	Augusta	General merchandise	5	2	7
Dec. 5	Montague Grocery Co	Comstock	Groceries	5	.....	5
Dec. 6	Barkley, Ira	Climax	General merchandise	3	.....	3
Dec. 4	Aldrich, H. C. & Sons	Galesburg	Hardware and implements	3	.....	3
Dec. 5	Douglass, M. A	Galesburg	General merchandise	1	2	3
Dec. 4	Elsey, W. A	Galesburg	Hardware and tinning	3	.....	3
Dec. 5	Gould, F. P	Galesburg	Groceries and meats	3	.....	3
Dec. 4	Schroder, John	Galesburg	General merchandise	3	.....	3
Oct. 25	Beecher, Kymer & Patterson	Kalamazoo	Books, etc	5	1	6
Oct. 25	Brownell's Glove Store	Kalamazoo	Gloves, etc	.....	1	1
Nov. 16	Cable Nelson Piano Co	Kalamazoo	Music, etc	1	1	2
Nov. 16	De Bolt, B. A. & M. A	Kalamazoo	Confectionery	2	8	10
Nov. 17	Economy Wall Paper Co	Kalamazoo	Wall paper, paints, etc	2	1	3
Oct. 25	Gilmore Brothers	Kalamazoo	General merchandise	48	133	181
Nov. 17	Grant, W. T. Co	Kalamazoo	General merchandise	3	22	25
Nov. 16	Grinnell Brothers	Kalamazoo	Music, etc	2	4	6
Nov. 17	Home Furnishing Co	Kalamazoo	Furniture	16	1	17
Oct. 26	Jones, J. R. Sons & Co	Kalamazoo	Dry goods, etc	18	56	74
Oct. 25	Kline, Mrs. L. A	Kalamazoo	China, etc	1	2	3
Nov. 16	Kresge, S. S. Co	Kalamazoo	5 and 10 cent goods	3	23	26
Nov. 26	La Mode Cloak House	Kalamazoo	Ladies' garments	3	10	13
Nov. 17	Liberal Clothing Store	Kalamazoo	Clothing, etc	1	2	3
Nov. 17	Livingston's	Kalamazoo	Clothing	1	2	3
Nov. 15	MacDonald, A. B	Kalamazoo	Dry goods, etc	1	10	11
Oct. 25	McDonald, George Drug Co	Kalamazoo	Drugs	3	2	5
Nov. 16	Micheal, J. L. Co	Kalamazoo	Cloaks, etc	3	9	12
Nov. 17	Peoples Outfitting Co	Kalamazoo	Furniture	7	2	9
Oct. 25	Pits, Henry C	Kalamazoo	Jewelry	.....	1	1

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	KALAMAZOO CO.—*Con.*					
Nov. 17	Porter, E. A. Co	Kalamazoo	Ladies' garments	3	12	15
Oct. 25	Prange, H. T	Kalamazoo	Optical goods	7	2	9
Oct. 25	Prentice, Horace & Son	Kalamazoo	Furniture	7	1	8
Nov. 15	Russell & Barendryht	Kalamazoo	Furniture	2	12	14
Oct. 25	Russell, E. B	Kalamazoo	Groceries	1	5	6
Oct. 26	Speyer, Alfred	Kalamazoo	Ladies' garments	1	8	9
Nov. 16	Streng & Zinn	Kalamazoo	Dry goods	2	28	30
Nov. 17	Union, The	Kalamazoo	Clothing, etc	2	3	5
Nov. 16	Vanderburg, W. H	Kalamazoo	Groceries	1	1	2
Oct. 17	VanDyken, J	Kalamazoo	Clothing	1	1	2
Nov. 15	Velleman's	Kalamazoo	Dry goods	3	13	16
Nov. 16	Woolworth, F. W. Co	Kalamazoo	5 and 10 cent goods	6	22	28
Nov. 5	Worden Grocery Co	Kalamazoo	Groceries	26	2	28
Dec. 6	Knepp, R. S	Schoolcraft	Groceries	4	.....	4
Dec. 5	Follmer, J. F	Vicksburg	Hardware and implements	4	.....	4
Dec. 5	Franklin & Rayner	Vicksburg	Dry goods and shoes	3	2	5
Dec. 5	Rochdale Cooperative Co	Vicksburg	General merchandise	5	3	8
Dec. 5	Rochester Clothing Co	Vicksburg	Gents' furnishings	3	.....	3
Dec. 5	Strong Brothers	Vicksburg	Groceries	4	1	5
Dec. 5	VanTassel, I. C	Vicksburg	Groceries	3	1	4
	KALKASKA COUNTY.					
April 21	Cole Brothers	Kalkaska	Produce	5	.....	5
April 23	Glaser, Louis	Kalkaska	Dry goods	1	1	2
April 26	Harroun, Charles	Kalkaska	Dry goods	1	1	2
April 26	Joy, Netsorg & Co	Kalkaska	Clothing and shoes	4	.....	4
	KENT COUNTY.					
Sept. 18	Anthony, Rex F	Ada	Groceries	1	1	2
Sept. 18	Furner, William	Ada	Groceries	2	1	3
Sept. 18	Hollway, Mrs. E. D	Ada	Dry goods, etc	.....	2	2
Sept. 18	McMurray, W. R	Ada	Hardware, etc	2	.....	2
Sept. 18	Ward, H. Z	Ada	General merchandise	2	.....	2
Sept. 24	Brown, Charles E	Alto	Drugs	2	1	3
Sept. 24	Daily, H	Alto	Groceries	2	1	3
Sept. 24	Dintaman Brothers	Alto	Farm implements	3	.....	3
Sept. 24	Foote, Charles R. & Co	Alto	Hardware	1	1	2
Sept. 24	Watts Department Store	Alto	General merchandise	2	2	4
Sept. 24	Winslow, S. J	Alto	Farm implements	2	.....	2
Sept. 24	Yerter & Co	Alto	Furniture	1	1	2
Oct. 5	Jones, Ben	Belmont	General merchandise	3	2	5
Sept. 26	Vanderwall, G. J	Beverly	General merchandise	3	.....	3
Dec. 5	Towner, C. B. Co., Ltd	Byron Center	General merchandise	3	2	5
Dec. 5	Vanderzaag, E	Byron Center	General merchandise	2	2	4
Oct. 25	Day, Will D	Caledonia	Drugs	2	.....	2
Oct. 25	Kelly, R. E	Caledonia	Groceries, etc	1	1	2
Oct. 25	Kinsey, Charles H	Caledonia	General merchandise	2	1	3
Oct. 25	Preap, A. W	Caledonia	Groceries, etc	1	1	2
Oct. 25	Timm, John C	Caledonia	General merchandise	3	.....	3
Oct. 25	Wenger & Clemens	Caledonia	Hardware, furniture, etc	4	.....	4
Oct. 25	Woodward & Son	Caledonia	Hardware	3	.....	3
Oct. 25	Your Home Store	Caledonia	General merchandise	2	2	4
Oct. 3	Andrus, Harold E	Cedar Springs	Drugs	2	.....	2
Oct. 3	Black, William & Co	Cedar Springs	General merchandise	1	1	2
Oct. 3	Congdon, W. C	Cedar Springs	Furniture	1	.....	1
Oct. 4	Doyle, G. H	Cedar Springs	General merchandise	2	.....	2
Oct. 3	Furner & Marvin	Cedar Springs	Hardware and implements	3	.....	3
Oct. 4	Harmer, E	Cedar Springs	Confectionery, etc	1	1	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	KENT CO.—*Con.*					
Oct. 4	Mather, Charles	Cedar Springs	Dry goods, clothing, etc	2	2	4
Oct. 3	Morley, Howard	Cedar Springs	General merchandise	1	1	2
Oct. 3	O'Dell, S. E. Son & Co	Cedar Springs	Groceries	3	.....	3
Oct. 3	Pollock, W. J	Cedar Springs	General merchandise	1	3	4
Oct. 4	Skinner, J. A	Cedar Springs	Drugs, paints, etc	4	2	6
Oct. 3	Smith, F. E. & Sons	Cedar Springs	Groceries	2	.....	2
Oct. 3	Thomas & Bassett	Cedar Springs	General merchandise	3	1	4
Oct. 3	Wheeler, E. W. & Co	Cedar Springs	General merchandise	2	2	4
Dec. 4	Dodge, F. R. & Son	Comstock Park	General merchandise	3	.....	3
Dec. 4	Harmon Drug Co	Comstock Park	Drugs	2	.....	2
Dec. 4	Lamoreaux, George P	Comstock Park	General merchandise	2	2	4
Oct. 26	Heintzelman, F. D	Dutton	General merchandise	2	1	3
Oct. 26	McKersie, D	Dutton	General merchandise	2	.....	2
Oct. 26	Roberts, John	Dutton	General merchandise	1	1	2
Oct. 5	Lovelace & Stanton	Edgerton	Implements	2	.....	2
Oct. 5	Rector, George E	Edgerton	General merchandise	3	.....	3
Sept. 26	Bouma Brothers	Grandville	Groceries	2	1	3
Sept. 26	Bouma, H. R	Grandville	Groceries	2	.....	2
Sept. 19	Caldwell-Hoeksema Co	Grandville	Dry goods	3	2	5
Sept. 26	Thomas, C. L	Grandville	Drugs	2	1	3
Oct. 4	Adams, C. F. Co	Grand Rapids	Ladies' garments	10	2	12
Oct. 8	Adams, F	Grand Rapids	Groceries	1	1	2
Oct. 11	Alaska Fur Co	Grand Rapids	Furs	.....	2	2
Oct. 16	Alden & Judson	Grand Rapids	Hardware	5	2	7
Oct. 11	Aniba, A. A	Grand Rapids	Confectionery	2	3	5
Oct. 8	Apol, J	Grand Rapids	Shoes	1	1	2
Oct. 9	Barth, William F	Grand Rapids	Drugs	1	1	2
Oct. 12	Benjamins, Inc	Grand Rapids	Clothing	9	.....	9
Oct. 5	Bertch Market	Grand Rapids	Groceries	32	5	37
Oct. 9	Bixby Office Supply Co	Grand Rapids	Furniture	7	4	11
Oct. 16	Boeskol, Mrs. H	Grand Rapids	Confectionery, etc	2	1	3
Oct. 19	Boesler's Hair Shop	Grand Rapids	Hair goods	.....	6	6
Oct. 2	Brock, H. M. & Co	Grand Rapids	Clothing	2	.....	2
Oct. 19	Broene, C	Grand Rapids	Dry goods	1	2	3
Oct. 9	Brondke, Mrs. G	Grand Rapids	Ice cream	1	2	3
Oct. 11	Burch, A. F. Co	Grand Rapids	Upholstering	22	4	26
Oct. 1	Camera Shop, The	Grand Rapids	Camera supplies	7	6	13
Oct. 8	Canfield-Pearce Co	Grand Rapids	Wall paper, paints, etc	9	5	14
Oct. 5	Carr-Hutchins-Anderson Co	Grand Rapids	Clothing	11	4	15
Oct. 17	Carstens, R. D	Grand Rapids	Jewelry	5	1	6
Oct. 10	Chaffee Brothers Furniture Co	Grand Rapids	Furniture	11	2	13
Oct. 1	Chicago Candy Co	Grand Rapids	Confectionery, etc	.....	6	6
Oct. 9	Clark, H. B	Grand Rapids	Groceries	1	1	2
Oct. 2	Cole Glove Store	Grand Rapids	Gloves	.....	1	1
Oct. 2	Collat Brothers	Grand Rapids	Clothing	6	.....	6
Oct. 3	Columbia Candy Co	Grand Rapids	Confectionery, etc	2	2	4
Oct. 2	Columbia Candy Co	Grand Rapids	Confectionery	2	2	4
Oct. 16	Cotton, E. T. Electric Co	Grand Rapids	Electrical supplies	1	1	2
Oct. 11	Crabb & Hunter Floral Co	Grand Rapids	Florist	3	3	6
Oct. 23	Crane Co	Grand Rapids	Plumbing supplies	26	7	33
Oct. 1	Cross, Eli	Grand Rapids	Flowers	1	2	3
Oct. 12	Deane & Witters	Grand Rapids	Groceries	8	1	9
Oct. 9	De Boer, J	Grand Rapids	Groceries	1	1	2
Oct. 22	De Long, W	Grand Rapids	Groceries	1	1	2
Oct. 3	Detroit Cash & Credit Co	Grand Rapids	Clothing	2	1	3
Oct. 22	Dice, B. H	Grand Rapids	Dry goods	1	1	2
Oct. 10	Donovan, T. R. Co	Grand Rapids	Ladies' & gents' clothing	2	5	7
Oct. 9	Dostert, Peter	Grand Rapids	Hardware	1	1	2
Oct. 22	Dreiborg, John	Grand Rapids	Groceries	2	1	3
Oct. 26	Dykstra, William J	Grand Rapids	Dry goods	1	2	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	KENT CO.—*Con.*					
Oct. 10	Economy Wall Paper Co	Grand Rapids	Wall paper, etc	1	1	2
Oct. 12	Eddy, Charles B	Grand Rapids	Groceries	2	1	3
Oct. 23	Eagle Clothing Co	Grand Rapids	Clothing	2	2	4
Oct. 17	Faber, N	Grand Rapids	General merchandise	1	1	2
Oct. 16	Flaragin's Beauty Shop	Grand Rapids	Hair goods	1	4	5
Oct. 17	Fletcher, E. & Co	Grand Rapids	Dry goods	.....	3	3
Oct. 2	Foster-Stevens & Co	Grand Rapids	Hardware	57	24	81
Oct. 2	Friedman-Spring Dry Goods Co	Grand Rapids	Dry goods	32	146	178
Oct. 19	Friedrich Music House, The	Grand Rapids	Music	24	12	36
Oct. 17	Frendenberg, Henry	Grand Rapids	Groceries	4	1	5
Oct. 18	Furniture City Tea Co	Grand Rapids	Tea and coffee	6	1	7
Oct. 22	Gaskill, Frank J	Grand Rapids	Groceries	2	1	3
Oct. 19	Gleye Hardware Co., The	Grand Rapids	Hardware	2	1	3
Oct. 11	Goodwin Corset Shop, The	Grand Rapids	Corsets	.....	1	1
Oct. 10	Goodyear Tire & Rubber Co., The	Grand Rapids	Rubber	14	4	18
Oct. 10	Grand Rapids Marble & Fireplace Co	Grand Rapids	Marble, tile, etc	2	1	3
Oct. 19	Grand Rapids Store Fixture Co	Grand Rapids	Fixtures	2	1	3
Oct. 16	Grand Union Tea Co	Grand Rapids	Tea and coffee	11	2	13
Oct. 19	Great Atlantic & Pacific Co	Grand Rapids	Tea and coffee	4	1	5
Oct. 23	Greulich Co., The	Grand Rapids	Clothing	6	1	7
Oct. 5	Grombacker & Major	Grand Rapids	Gents' clothing	6	.....	6
Oct. 9	Groskopf Brothers	Grand Rapids	Trunks, bags, etc	6	2	8
Oct. 12	Gvendyk, Mrs. J	Grand Rapids	Groceries	1	1	2
Oct. 12	Hall, Mrs. R	Grand Rapids	Groceries	.....	1	1
Oct. 1	Hannah, A. & Son	Grand Rapids	Flowers	1	2	3
Oct. 11	Harris Sample Furniture Co	Grand Rapids	Furniture	4	1	5
Oct. 12	Hefner's Art Shop	Grand Rapids	Pictures	3	1	4
Oct. 25	Heinzman's Bazaar	Grand Rapids	Furniture, etc	.....	2	2
Oct. 25	Herpolsheimer Co	Grand Rapids	General merchandise	125	251	376
Oct. 15	Herkner, J. C. Jewelry Co	Grand Rapids	Furniture	18	5	23
Oct. 9	Hesse's	Grand Rapids	Carpets	4	4	8
Oct. 12	Heyboer Stationery Co	Grand Rapids	Books, etc	2	1	3
Oct. 5	Heyman Co	Grand Rapids	House furnishings	41	14	55
Oct. 1	Higgins, E. Co	Grand Rapids	Books	4	4	8
Oct. 3	Hill-Top Gift Shop, The	Grand Rapids	Novelties	.....	6	6
Oct. 1	Hobart Co., The	Grand Rapids	Crockery, etc	2	3	5
Oct. 4	Houseman & Jones Co	Grand Rapids	Clothing, etc	23	3	26
Oct. 5	Hub Co., The	Grand Rapids	Clothing	5	1	6
Oct. 1	Imperial Candy Co	Grand Rapids	Confectionery	.....	6	6
Oct. 3	Jandorf, Charles S	Grand Rapids	Baked goods	6	13	19
Oct. 22	Jarvis, W. Co	Grand Rapids	Sporting goods	12	5	17
Oct. 19	Jonejan, C. H	Grand Rapids	Drugs	3	1	4
Oct. 16	Kamp's Cash Grocery	Grand Rapids	Groceries	2	3	5
Oct. 15	Kamp, John	Grand Rapids	Hardware	2	1	3
Oct. 10	Kimball, W. W. Co	Grand Rapids	Pianos, etc	8	2	10
Oct. 9	Kinney, G. R. & Co	Grand Rapids	Shoes and rubbers	14	2	16
Oct. 16	Kirchoff, Joseph	Grand Rapids	Furniture	2	1	3
Oct. 10	Klingman's Sample Furniture Co	Grand Rapids	Furniture	28	3	31
Oct. 19	Klunder, Micheal	Grand Rapids	Groceries	2	1	3
Oct. 2	Kraft, George Co	Grand Rapids	5 and 10 cent goods	5	36	41
Oct. 2	Kresge, S. S. Co	Grand Rapids	5 and 10 cent goods	13	75	88
Oct. 1	Kresge, S. S. Co	Grand Rapids	25 and 50 cent goods	4	25	29
Oct. 3	Kutsche's Hardware Co	Grand Rapids	Hardware	2	.....	2
Oct. 5	Landlord, A	Grand Rapids	Drugs	1	1	2
Oct. 16	Lane, Arthur J	Grand Rapids	Groceries	6	1	7
Oct. 16	Lankester Dry Goods Store	Grand Rapids	Dry goods	1	3	4
Oct. 4	Leff Grocery	Grand Rapids	Groceries	5	.....	5
Oct. 19	Leonard, H. & Sons	Grand Rapids	Crockery, etc	36	8	44
Oct. 3	Lewis Electric Co	Grand Rapids	Electrical supplies	15	3	18
Oct. 4	Liberal Credit Clothing Co	Grand Rapids	Clothing	2	2	4

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	KENT CO.—*Con.*					
Oct. 15	Lobensky, J. Sons & Co	Grand Rapids	Clothing	4	.....	4
Oct. 5	Long's, R. H	Grand Rapids	Shoes	3	.....	3
Oct. 4	Long's, R. H	Grand Rapids	Shoes	8	.....	8
Oct. 10	McCurdy Co., The	Grand Rapids	Hosiery and underwear	.....	2	2
Oct. 1	MacKenzie, Bostock, Monroe	Grand Rapids	Gents' clothing	3	1	4
Oct. 17	Maier, Louis	Grand Rapids	Groceries	2	1	3
Oct. 17	Maloney, L. E	Grand Rapids	Groceries	2	1	3
Oct. 11	Manhatten Tie Co	Grand Rapids	Ties	2	2	4
Oct. 15	Marema, Peter	Grand Rapids	Groceries	2	1	3
Oct. 17	Marrin, M. M	Grand Rapids	Music, etc	2	1	3
Oct. 2	May, A. & Sons	Grand Rapids	Mens' and boys' clothing	22	2	24
Oct. 17	May, A. & Sons	Grand Rapids	Men's furnishings	18	1	19
Oct. 1	Mayhew, G. W. Shoe Co	Grand Rapids	Shoes	6	1	7
Oct. 4	Menter Co., The	Grand Rapids	Clothing	4	6	10
Oct. 22	Michigan Hardware Co	Grand Rapids	Hardware	25	6	31
Oct. 26	Mills, C. W. Paper Co	Grand Rapids	Paper, etc	17	2	19
Oct. 17	Mills & Healey	Grand Rapids	Dry goods	1	3	4
Oct. 23	Moorman, William	Grand Rapids	Groceries	1	1	2
Oct. 18	Milder, Walter	Grand Rapids	Groceries	2	1	3
Oct. 25	National Grocer Co	Grand Rapids	Groceries	43	11	54
Oct. 17	Odell, Norman	Grand Rapids	Groceries	5	1	6
Oct. 1	Pantlind Pharmacy	Grand Rapids	Drugs, etc	1	2	3
Oct. 17	Parris, M. N	Grand Rapids	Mens' furnishings	1	5	6
Oct. 26	Pauels, Jurgens & Holtvluwer	Grand Rapids	Clothing and shoes	2	2	4
Oct. 2	Peange, Ernest A	Grand Rapids	Jewelry and clothing	9	4	13
Oct. 1	Peck Brothers Drug Co	Grand Rapids	Drugs	13	12	25
Oct. 23	People's Credit Clothing Co	Grand Rapids	Clothing	2	1	3
Oct. 16	Piper, Claude G	Grand Rapids	Ice cream	5	1	6
Oct. 18	Post, Mrs. S	Grand Rapids	General merchandise	1	3	4
Oct. 24	Postema & Reitsma	Grand Rapids	Groceries and dry goods	.....	2	2
Oct. 1	Platte, J. P	Grand Rapids	Umbrellas, etc	.....	3	3
Oct. 12	Quality Film Co	Grand Rapids	Films, etc	1	1	2
Oct. 12	Quality Shop, The	Grand Rapids	Furniture	4	1	2
Oct. 24	Rademaker-Dodge Grocer Co	Grand Rapids	Groceries	26	.....	26
Oct. 10	Rason & Dows	Grand Rapids	Furs	12	12	24
Oct. 1	Raymer's Book Store	Grand Rapids	Books	1	1	2
Oct. 12	Remington & De Laney	Grand Rapids	Clothing	1	7	8
Oct. 17	Republic Rubber Co., The	Grand Rapids	Rubber	3	1	4
Oct. 1	Rex Music Co	Grand Rapids	Music	1	2	3
Oct. 16	Riechel, Henry Drug Co., The	Grand Rapids	Drugs	2	1	3
Oct. 25	Ritsema Store, The	Grand Rapids	Groceries	2	4	6
Oct. 16	Ritsema, Jacob	Grand Rapids	Groceries	1	1	2
Oct. 11	Ritsema, Mrs. M	Grand Rapids	General merchandise	.....	6	6
Oct. 25	Ritsema Store, The	Grand Rapids	General merchandise	5	6	11
Oct. 5	Ryan, J. E	Grand Rapids	Jewelry	1	1	2
Oct. 15	Sandler, Leo	Grand Rapids	Clothing	3	1	4
Oct. 4	Schmidt, A. F	Grand Rapids	Groceries	2	1	3
Oct. 5	Schoepstra, Miss K	Grand Rapids	Dry goods	.....	2	2
Oct. 3	Schrouder's Drug Store	Grand Rapids	Drugs	11	3	14
Oct. 24	Seven, C. J	Grand Rapids	Dry goods	1	4	5
Oct. 4	Seven, M. J	Grand Rapids	Groceries	1	2	3
Oct. 24	Seven, Miner	Grand Rapids	Groceries	3	2	5
Oct. 18	Shillman, W. A	Grand Rapids	Groceries	2	1	3
Oct. 8	Shrug, H	Grand Rapids	Groceries	1	1	2
Oct. 11	Siegel Co., The	Grand Rapids	Ladies' garments	3	49	52
Oct. 5	Siegel, J. Jewelry Co	Grand Rapids	Jewelry	6	1	7
Oct. 8	Smith, A. L	Grand Rapids	Groceries	1	1	2
Oct. 9	Smith, C. F	Grand Rapids	Groceries	1	1	2
Oct. 15	Smith, Harley Furniture Co	Grand Rapids	Furniture	5	1	6
Oct. 10	Smith, Henry	Grand Rapids	Flowers	5	4	9

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	KENT CO.—*Con.*					
Oct. 12	Smith & Hurst	Grand Rapids	Pianos	1	1	2
Oct. 18	Spoolstra, A	Grand Rapids	Dry goods	1	1	2
Oct. 3	Steketee, Paul & Sons	Grand Rapids	Dry goods	103	173	276
Oct. 24	Stern Co., The	Grand Rapids	Clothing	2	42	44
Oct. 16	Stoll, D. & Son	Grand Rapids	General merchandise	2	6	8
Oct. 11	Stonehouse, D	Grand Rapids	Dry goods	1	2	3
Oct. 11	Stonehouse, R. A	Grand Rapids	Hardware	5	1	6
Oct. 18	Stuit, F. H	Grand Rapids	Groceries	5	2	7
Oct. 10	Swanson, N. H	Grand Rapids	Victrolas	1	1	2
Oct. 11	Sweet's Candy Shop	Grand Rapids	Confectionery	1	4	5
Oct. 19	Swets, A. H	Grand Rapids	Groceries	2	1	3
Oct. 2	Trankla, Charles & Co	Grand Rapids	Dry goods	54	122	176
Oct. 24	Trompen, J. N. & Co	Grand Rapids	Dry goods	4	2	6
Oct. 25	Trompen, J. N. & Co	Grand Rapids	General merchandise	3	2	5
Oct. 24	Trompen, J. N. & Co	Grand Rapids	Clothing and dry goods	5	2	7
Oct. 24	Trompen, J. N. & Co	Grand Rapids	General merchandise	8	5	13
Oct. 1	Teal, Zoa B	Grand Rapids	Confectionery	.....	5	5
Oct. 25	Tilma, George T	Grand Rapids	Dry goods and groceries	1	2	3
Oct. 24	Van den Berg Brothers	Grand Rapids	Furniture	5	1	6
Oct. 25	Van Der Veen, J. M	Grand Rapids	Dry goods	1	1	2
Oct. 24	Veenstra, M. & Sons	Grand Rapids	Paper and paints	1	1	2
Oct. 15	Vonk, Gerrit	Grand Rapids	Wall paper and paint	10	.....	10
Oct. 1	Walk Over Boot Shop	Grand Rapids	Shoes	5	1	6
Oct. 4	Waters, C. F	Grand Rapids	Shoes	4	.....	4
Oct. 12	Wegner Brothers	Grand Rapids	Furniture	8	2	10
Oct. 2	West's Drug Store	Grand Rapids	Drugs	5	.....	5
Oct. 2	West's Drug Store	Grand Rapids	Drugs	13	10	23
Oct. 1	West's Drug Store	Grand Rapids	Drugs, etc	16	18	34
Oct. 1	Wesburg's Linen Store	Grand Rapids	Linens, curtains, etc	3	7	10
Oct. 11	White & White's Pharmacy	Grand Rapids	Drugs	3	3	6
Oct. 12	Winegar Furniture Co	Grand Rapids	Furniture	27	9	36
Oct. 2	Woolworth, F. W. Co	Grand Rapids	5 and 10 cent goods	6	43	49
Oct. 2	Woolworth, F. W. Co	Grand Rapids	5 and 10 cent goods	2	23	25
Oct. 1	Wormser Hat Stores, Inc	Grand Rapids	Hats	3	.....	3
Oct. 1	Wormser Hat Stores, Inc	Grand Rapids	Hats	5	1	6
Oct. 8	Wurzburg, D. G. Co	Grand Rapids	General merchandise	195	65	260
Oct. 2	Wurzburg, F. A. & Son	Grand Rapids	Art goods	6	6	12
Oct. 9	Young & Chaffee Furniture Co	Grand Rapids	Furniture	39	16	55
Oct. 11	Briggs, S. I	Kent City	Hardware	1	1	2
Oct. 11	Magaw, D. H	Kent City	General merchandise	1	1	2
Oct. 11	Perham, J. T	Kent City	Drugs	2	1	3
Oct. 11	Power, Mrs. H. S	Kent City	General merchandise	.....	2	2
Oct. 11	Saur, A. H. & Co	Kent City	General merchandise	3	2	5
Oct. 11	Saur, J. A	Kent City	Implements and harness	2	.....	2
Oct. 11	Side, R. J	Kent City	Groceries	1	1	2
Oct. 11	Wilson, E	Kent City	General merchandise	1	1	2
Sept. 4	Alexander, C. H. & Son	Lowell	Groceries	4	.....	4
Sept. 5	Cadwallader, A. B	Lowell	Furniture	2	.....	2
Sept. 5	Clark, John O	Lowell	Groceries	4	.....	4
Sept. 7	Collar, E. R	Lowell	Dry goods	2	2	4
Sept. 7	Coons, A. L	Lowell	Clothing	3	.....	3
Sept. 6	Ford, R. T	Lowell	Hardware	4	.....	4
Sept. 7	Gee, M. W. Co	Lowell	Hardware	3	.....	3
Sept. 6	Guidi, S	Lowell	Confectionery	1	2	3
Sept. 6	Henry, M. N	Lowell	Drugs	2	.....	2
Sept. 5	Hill, A. H	Lowell	Shoes	2	1	3
Sept. 5	Howk, A. J. & Son	Lowell	Shoes	3	.....	3
Sept. 5	Kellogg, John	Lowell	Groceries	3	.....	3
Sept. 5	Lalley, John J	Lowell	Clothing	3	.....	3
Sept. 5	Look, D. G	Lowell	Drugs	3	.....	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	KENT CO.—*Con.*					
Sept. 5	Nash, H	Lowell	Implements and harness	3	.....	3
Sept. 5	Rice, Sam	Lowell	Second hand goods	2	.....	2
Sept. 5	Rutherford, John W	Lowell	Notions	1	2	3
Sept. 6	Shaw, George B	Lowell	Groceries	4	.....	4
Sept. 7	Van Dyke, R	Lowell	Groceries	3	.....	3
Sept. 7	Weekes, A. W. & Son	Lowell	Dry goods	2	4	6
Sept. 6	Williams, U. B	Lowell	Jewelry	1	1	2
Sept. 7	Winegar, W. S	Lowell	Drugs	2	.....	2
Sept. 5	Yeiter & Co	Lowell	Furniture	2	.....	2
Nov. 5	Keech, F. L	Mosely	General merchandise	1	1	2
Nov. 5	Wingar, L. J	Mosely	Groceries	1	1	2
Oct. 5	Coon & Co	Rockford	Shoes	1	1	2
Oct. 9	Earle, H. E	Rockford	Drugs	2	.....	2
Oct. 9	Felter-Johnson Co., Inc	Rockford	General merchandise	3	1	4
Oct. 9	Hardie & Perry	Rockford	Hardware	3	.....	3
Oct. 9	Hyde, C. W	Rockford	Cigars	3	.....	3
Oct. 9	Kimm, Dick Furniture Co	Rockford	Furniture	2	.....	2
Oct. 9	McBride, C. Glen	Rockford	Groceries	3	.....	3
Oct. 5	Morrison, J. A	Rockford	Drugs	2	1	3
Oct. 5	Porter, G. A	Rockford	Groceries	3	1	4
Oct. 5	Porter, George E	Rockford	Flour and feed	2	.....	2
Oct. 9	Schmid, E. G	Rockford	Clothing and shoes	1	1	2
Oct. 5	Sears, C. F	Rockford	Dry goods	2	1	3
Oct. 2	Boss, William	Sand Lake	General merchandise	1	1	2
Oct. 2	Giddings, Alfred	Sand Lake	General merchandise	1	1	2
Oct. 2	Long, Frank B	Sand Lake	General merchandise	2	1	3
Oct. 2	Merren, M. P	Sand Lake	General merchandise	1	2	3
Oct. 2	Sand Lake Pharmacy	Sand Lake	Drugs	1	1	2
Oct. 2	Sinclair & Mills	Sand Lake	Hardware and furniture	3	.....	3
Oct. 6	Williams & Otterbacher	Sand Lake	Farm implements	3	.....	3
Oct. 2	Wilson, M. V	Sand Lake	Drugs	1	1	2
Oct. 23	Ballard, J. C. & Co	Sparta	Hardware and furniture	5	.....	5
Oct. 23	Bolender's Pharmacy	Sparta	Drugs	1	1	2
Oct. 23	Brack, W. J	Sparta	Drugs	2	1	3
Oct. 23	Bradford, H. E	Sparta	Books, etc	1	2	3
Oct. 23	Clute, Dora	Sparta	Dry goods	.....	2	2
Oct. 23	Culver, M. D	Sparta	Groceries	1	2	3
Oct. 23	Fris, Charles G	Sparta	Hardware	2	.....	2
Oct. 23	Holt, D. C	Sparta	Jewelry	1	1	2
Oct. 23	Johnson, A. A. & Co	Sparta	General merchandise	8	3	11
Oct. 23	Johnson, D. J	Sparta	Farm implements	5	.....	5
Oct. 23	King & Rinehart	Sparta	Groceries and shoes	3	.....	3
Oct. 23	Putman, A. W. & B. H	Sparta	General merchandise	2	2	4
Sept. 26	Geson, Paul	Wyoming Park	Groceries	3	.....	3
	KEEWENAW COUNTY.					
Nov. 14	Forley & Smith	Ahmeek	General merchandise	1	1	2
Nov. 14	Glass Brothers Department Store	Ahmeek	General merchandise	5	4	9
Nov. 14	Kivela Brothers	Ahmeek	Groceries	2	.....	2
Nov. 14	Levine, Mr. and Mrs. F	Ahmeek	General merchandise	1	1	2
Nov. 14	Morgan & Grierson	Ahmeek	General merchandise	3	3	6
Nov. 14	Nordstrom, Nils O	Ahmeek	General merchandise	2	.....	2
Nov. 14	Peterman Stores Co., The	Mohawk	General merchandise	22	8	30
	LAKE COUNTY.					
May 16	Morris Store, The	Baldwin	General merchandise	2	1	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	Lapeer County.					
Dec. 19	Cochrane, A. & Sons	Almont	General merchandise	3	1	4
Dec. 19	Ferguson Hardware & Furniture Co	Almont	Hardware	4	1	5
Dec. 19	Hallock's Pharmacy	Almont	Drugs	3	.....	3
Dec. 5	Livermore, C. L. & Co	Clifford	General merchandise	1	2	3
Dec. 5	Willson, L. H	Clifford	General merchandise	2	1	3
Dec. 13	Columbiaville Mercantile Co	Columbiaville	General merchandise	3	2	5
Dec. 20	Hemingway, E. J	Hadley	General merchandise	1	1	2
Dec. 20	Morton, J. A	Hadley	Hardware	2	.....	2
Dec. 20	Stimson, Grant	Hadley	General merchandise	1	1	2
Dec. 7	Imlay City Table Supply Co	Imlay City	Groceries	1	1	2
Dec. 7	Rathsburg & Muir	Imlay City	General merchandise	4	1	5
Dec. 7	Titus & Company	Imlay City	General merchandise	4	1	5
Dec. 7	Zavits & Peck	Imlay City	Hardware	3	.....	3
Dec. 13	Brown, S. D	Lapeer	Furniture	3	.....	3
Dec. 13	Grain, Norm	Lapeer	Clothing	2	.....	2
Dec. 13	Gardiner, J. N	Lapeer	Drugs	2	.....	2
Dec. 13	Lapeer Hardware Co	Lapeer	Hardware	4	1	5
Dec. 12	Lapeer Mercantile Co	Lapeer	Groceries and provisions	7	1	8
Dec. 13	Lockwood, S. A	Lapeer	General merchandise	5	5	10
Dec. 12	Michigan Stores Co., The	Lapeer	Novelties	1	4	5
Dec. 12	Penney, J. C. Co	Lapeer	Dry goods and clothing	3	2	5
Dec. 13	Poulsen Mercantile Co	Lapeer	General merchandise	4	4	8
Dec. 12	Vincent, Shad N. & Son	Lapeer	Drugs	3	.....	3
Dec. 13	White's	Lapeer	General merchandise	5	3	8
Dec. 18	Lister, T. E	Lum	General merchandise	2	1	3
Dec. 18	Spencer, Daisy M. & Co	Lum	General merchandise	1	3	4
Dec. 6	Ford, H. & G	North Branch	General merchandise	3	4	7
Dec. 6	Leete, James E. & A. H	North Branch	General merchandise	4	2	6
Dec. 6	North Branch Cooperative Co	North Branch	General merchandise	2	4	6
Dec. 6	Vandecar, J. H	North Branch	Drugs	2	.....	2
Dec. 13	Hemingway, W. S	Otter Lake	Hardware	3	.....	3
Dec. 13	McCormack, W. E. & Co	Otter Lake	General merchandise	3	.....	3
	Leelanau County.					
Dec. 5	Odoi, John	Cedar City	General merchandise	1	1	2
Dec. 5	Sbonek, J. J	Cedar City	General merchandise	2	.....	2
Dec. 5	Ward & Culver	Cedar City	General merchandise	3	.....	3
Nov. 30	Fry, John	Empire	Groceries, etc	2	.....	2
Nov. 30	Nessen Brothers	Empire	General merchandise	4	2	6
Dec. 4	Leland Mercantile Co	Leland	General merchandise	3	.....	3
Dec. 4	Pickard, B. N	Leland	General merchandise	2	.....	2
Oct. 5	Gill, Wilber F	Northport	Groceries and shoes	2	1	3
Oct. 5	Kehl Mercantile Co	Northport	General merchandise	5	.....	5
Oct. 5	Mervau, Robert E	Northport	Drugs	2	.....	2
Dec. 4	Plamondon & Odoi	Provemont	General merchandise	3	.....	3
Dec. 4	Plamondon, T. & Son	Provemont	General merchandise	3	1	4
Oct. 4	Bahle, L. E. & Son	Suttons Bay	Clothing and dry goods	1	1	2
Oct. 4	Husby, Hansen & Co	Suttons Bay	Groceries and hardware	5	.....	5
Oct. 4	Sogge, L. R	Suttons Bay	General merchandise	2	1	3
	Lenawee County.					
Dec. 19	Central Supply Co., The	Addison	General merchandise	6	2	8
Nov. 21	Albig, W. O	Adrian	Dry goods	9	13	22
Nov. 21	Busy Bee Confectionery Store	Adrian	Candy and ice cream	2	1	3
Nov. 21	Fisher's Book Store	Adrian	Books, etc	4	2	6
Nov. 20	Grinnell Brothers Music House	Adrian	Music	8	4	12

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	LENAWEE CO.—*Con.*					
Nov. 21	Hart, Shaw & Miller	Adrian	Drugs	3	1	4
Nov. 21	Lewis, Coe & Howell	Adrian	Dry goods	6	18	24
Nov. 21	McConnell, W. C	Adrian	Dry goods	5	8	13
Nov. 20	Mathes, G. H	Adrian	Wall paper	1	2	3
Nov. 21	Park, A. B	Adrian	Dry goods	8	15	23
Nov. 21	Style Centes, The	Adrian	Ladies' garments	1	1	2
Nov. 21	Swift's Book Store	Adrian	Books, etc	2	1	3
Nov. 21	Woolworth's 5 and 10 Cent Store	Adrian	5 and 10 cent goods	3	16	19
Dec. 12	Gates Clothing Co	Morenci	Clothing, etc	4	1	5
Dec. 17	Jones' Clothing Shop, The	Tecumseh	Clothing	6	1	7
	LIVINGSTON COUNTY.					
Nov. 15	Holt & Hart	Fowlerville	General merchandise	5	1	6
Nov. 15	Miner, A. R	Fowlerville	Groceries	.....	1	1
Nov. 14	McPherson, William & Sons	Howell	General merchandise	4	8	12
	LUCE COUNTY.					
Jan. 3	Skinner, H. J. & Co	McMillan	General merchandise	4	2	6
Jan. 31	Brown & Turnbull	Newberry	Groceries	3	.....	3
Jan. 31	Leighton, Perry	Newberry	Clothing and shoes	2	.....	2
Feb. 1	Newmark & Newmark	Newberry	Clothing and shoes	2	.....	2
Jan. 31	Sherman, A. H	Newberry	Drugs	1	1	2
Feb. 1	Sheer, Charles	Newberry	Dry goods and shoes	2	.....	2
Feb. 1	Soo 5 and 10 Cent Store	Newberry	5 and 10 cent goods	1	3	4
Jan. 31	Sundstrom, Oscar	Newberry	Clothing, etc	2	2	4
Feb. 1	Westin, Andrew & Co	Newberry	General merchandise	11	4	15
	MACKINAC COUNTY.					
Jan. 28	Lyman & Ferguson	Gould City	General merchandise	5	.....	5
Jan. 28	Parker, Mrs. Clara	Gould City	General merchandise	1	2	3
Jan. 30	Bailey, M. G	Mackinac Island	Drugs	3	.....	3
Jan. 30	Bogan's Pharmacy	Mackinac Island	Drugs	4	.....	4
Jan. 30	Davis, J. W. & Sons	Mackinac Island	General merchandise	11	4	15
Jan. 30	Doud Mercantile Co	Mackinac Island	Groceries	11	.....	11
Jan. 30	Murray, D	Mackinac Island	Dry goods	1	2	3
Jan. 30	Truscott, George & Son	Mackinac Island	General merchandise	3	.....	3
Jan. 30	Bobier, G. H	St. Ignace	Groceries	2	.....	2
Jan. 30	Chambers Brothers	St. Ignace	General merchandise	4	2	6
Jan. 30	Highstone, A. C	St. Ignace	Dry goods	2	1	3
Jan. 30	Hoban, George	St. Ignace	Hardware	4	1	5
Jan. 30	Murray Brothers	St. Ignace	General merchandise	6	.....	6
Jan. 30	Saul, The Clothier	St. Ignace	Clothing	3	.....	3
Jan. 30	Winkleman, L	St. Ignace	General merchandise	4	4	8
	MACOMB COUNTY.					
Oct. 16	Baker, William	New Baltimore	General merchandise	3	.....	3
Oct. 16	Kelmel & Gibbons	New Baltimore	General merchandise	2	1	3
Oct. 16	Parker, William D	New Baltimore	Hardware, coal and ice	4	.....	4
Oct. 18	Brockman, William J	New Haven	General merchandise	1	1	2
Oct. 18	Dennett, Sanford	New Haven	Groceries	1	1	2
Oct. 19	Brophy, T. J	Richmond	General merchandise	2	1	3
Oct. 25	Lutes, John W	Richmond	Drugs	2	.....	2
Oct. 19	Neddermeyer Co., The	Richmond	General merchandise	2	3	5
Oct. 24	Buzzell & Eldred	Romeo	Groceries	4	.....	4
Oct. 24	Casey Grocery, The	Romeo	Groceries	4	.....	4

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	MACOMB CO.—*Con.*					
Oct. 24	Chambers, H. P.	Romeo	Clothing and shoes	2	.....	2
Oct. 24	Coe, W. P.	Romeo	Drugs	2	.....	2
Oct. 24	Gardner, M.	Romeo	Dry goods	1	1	2
Oct. 24	Morland Hardware, The	Romeo	Hardware	3	1	4
Oct. 24	Smith, Frederick P.	Romeo	Drugs	1	.....	1
Oct. 24	Stranahan, C.	Romeo	Groceries and provisions	3	.....	3
Oct. 24	Zall, J. N.	Romeo	Dry goods	1	1	2
Oct. 25	Hahn, E. W.	Utica	Hardware	3	.....	3
Oct. 25	Wagner, A. & Son	Utica	Hardware	2	.....	2
Oct. 25	Bush, Edward	Warren	General merchandise	3	.....	3
	MANISTEE COUNTY.					
Feb. 18	Mauntler, Henry & Co.	Arcadia	General merchandise	2	1	3
Feb. 18	Connelly, L. D.	Bear Lake	General merchandise	4	1	5
Feb. 18	Kingscott, E. J.	Bear Lake	General merchandise	2	1	3
Feb. 15	Cushway, C. M. M.	Kaleva	Groceries	2	.....	2
Feb. 20	Aarons, Harry J.	Manistee	Clothing	4	1	5
Feb. 19	Buckley & Douglas, The	Manistee	General merchandise	13	2	15
Feb. 20	City Drug Store	Manistee	Drugs	6	1	7
Feb. 20	Dahlquist & Co.	Manistee	Clothing and shoes	4	.....	4
Feb. 20	Erickson, Alma	Manistee	Dry goods	.....	4	4
Feb. 20	Famous, The	Manistee	Dry goods	3	9	12
Feb. 20	Larsen Brothers	Manistee	General merchandise	4	25	29
Feb. 20	Miller, William Hardware Co.	Manistee	Hardware	6	1	7
Feb. 20	Nordhouse, H. W. & Co.	Manistee	Clothing	2	1	3
Feb. 20	Palace of Sweets, The	Manistee	Confectionery	2	1	3
Feb. 20	Ross Ice Cream Co.	Manistee	Candy, etc.	2	4	6
Feb. 20	Russby, B.	Manistee	Gents' furnishings	3	.....	3
Feb. 20	Vincent-Wolters Co., The	Manistee	Hardware	3	.....	3
Feb. 25	Woolworth, F. W. Co.	Manistee	5 and 10 cent goods	1	6	7
Feb. 20	Zielinski, F. J. & Co.	Manistee	Dry goods	3	10	13
Feb. 20	Zobel, C. A.	Manistee	Clothing	3	.....	3
Feb. 18	Smith, M.	Onekama	General merchandise	1	1	2
	MARQUETTE COUNTY.					
May 17	Lake Independence Lumber Co.	Big Bay	General merchandise	4	3	7
Aug. 22	Levine, J.	Champion	General merchandise	2	2	4
Aug. 22	Quinn, M. C.	Champion	General merchandise	3	2	5
Aug. 20	Abraham, George & Brother	Gwinn	Dry goods and clothing	3	.....	3
Aug. 20	Buchman, A. G.	Gwinn	Drugs	2	.....	2
Aug. 20	Koski, Peter & Co.	Gwinn	General merchandise	8	1	9
Aug. 20	Quayle, Richard	Gwinn	General merchandise	7	3	10
June 19	Braadstad, F. & Co.	Ishpeming	General merchandise	23	17	40
June 11	Bradford, J. L. Co.	Ishpeming	Clothing, shoes, etc.	4	.....	4
June 12	Bayard & Hasselblad	Ishpeming	Groceries	3	.....	3
June 16	City Drug Store	Ishpeming	Drugs	2	.....	2
June 16	Conradson, A. W. Estate	Ishpeming	Groceries	1	1	2
June 11	Eggan, Fred J.	Ishpeming	Hardware	3	.....	3
June 14	Fennia Prescription Pharmacy	Ishpeming	Drugs	1	2	3
June 18	Gately-Wiggins	Ishpeming	Clothing	4	3	7
June 11	Grand Union Tea Co.	Ishpeming	Tea and coffee	2	.....	2
June 15	Hoyseth, Lars	Ishpeming	Meats and groceries	5	.....	5
June 13	Hughes Mercantile Co.	Ishpeming	General merchandise	10	5	15
June 15	Ishpeming Cooperative Society	Ishpeming	General merchandise	12	4	16
June 13	Ishpeming Furniture & Hardware Co.	Ishpeming	Furniture and hardware	2	.....	2
June 12	Ishpeming Store Co.	Ishpeming	General merchandise	9	3	12
June 11	Johnson Brothers Co.	Ishpeming	Gents' clothing and shoes	4	.....	4
June 9	Johnson, E. A.	Ishpeming	General merchandise	5	3	8
June 11	Johnson, Gust	Ishpeming	Tobacco and candy	2	.....	2
June 11	Kahn, M. A.	Ishpeming	General clothing	3	.....	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	MARQUETTE CO.—*Con.*					
June 15	Koski, Peter & Co	Ishpeming	General merchandise	10	4	14
June 14	Leininger, William	Ishpeming	Furniture	4	2	6
June 16	Lindbom, John E	Ishpeming	Hardware	3	.....	3
June 14	Lofberg, Matt	Ishpeming	Clothing, etc	3	.....	3
June 11	Lowenstein, S. & J	Ishpeming	Dry goods and clothing	2	4	6
June 16	Penney, J. C. Co	Ishpeming	Dry goods	3	4	7
June 18	Person, E. G	Ishpeming	Furniture	1	1	2
June 18	Red Cross Drug Store	Ishpeming	Drugs	3	.....	3
June 13	Sellwood, Joseph & Co	Ishpeming	General merchandise	6	5	11
June 16	Skoglund, John	Ishpeming	Boots and shoes	1	1	2
June 14	Skud, N. E. Estate	Ishpeming	Dry goods	2	7	9
June 11	Style Shop, The	Ishpeming	Ladies' apparel	1	3	4
June 18	Tillson, E. P. Drug Co., The	Ishpeming	Drugs	3	1	4
June 18	Woolworth, F. W. Co	Ishpeming	5 and 10 cent store	2	13	15
Aug. 20	Ramile, Martin	Little Lake	General merchandise	2	1	3
May 28	Anderson & Bennett Co	Marquette	Clothing, shoes, etc	3	.....	3
May 28	Archambeau, A. E	Marquette	Clothing	5	.....	5
Aug. 9	Bernstein's Dry Goods Store	Marquette	Dry goods	1	1	2
Aug. 28	Boucher's Drug Store	Marquette	Drugs	2	.....	2
May 31	Bracher, E. E	Marquette	Groceries	3	.....	3
May 26	Bureau, F. & Sons	Marquette	Groceries	7	3	10
May 31	Campbell Brothers	Marquette	Groceries and wood	9	.....	9
Aug. 8	Clish, J. J	Marquette	Confectionery	1	1	2
Aug. 10	Crawford Co., The	Marquette	Tailoring	3	1	4
Aug. 10	West Rock Street Grocery	Marquette	Groceries	2	.....	2
May 29	Delf's Grocery	Marquette	Groceries	3	1	4
Aug. 9	Desjardins' Pharmacy	Marquette	Drugs	2	1	3
Aug. 9	Donohue, John J	Marquette	Confectionery	1	2	3
June 1	Eck, C. G	Marquette	Groceries	3	.....	3
Aug. 9	Fine, A	Marquette	Groceries	2	1	3
Aug. 7	Foster, J. H. Co	Marquette	General merchandise	4	8	12
Aug. 10	Gannon Grocery Co	Marquette	Groceries	15	2	17
Aug. 9	Geill, Charles T	Marquette	Wall paper, etc	5	1	6
May 31	Gets Department Store, The	Marquette	Dry goods	6	18	24
May 29	Goldberg, M. F	Marquette	Dry goods and jewelry	1	1	2
May 28	Hager Brothers Co	Marquette	Furniture	5	2	7
Aug. 6	Hamill, H. C	Marquette	Jewelry	1	1	2
May 28	Huetter, A. L	Marquette	Ladies' garments	2	2	4
June 7	Jones' Drug Store	Marquette	Drugs	1	1	2
Aug. 8	Kelly Hardware Co	Marquette	Hardware	6	.....	6
Aug. 9	La Bonte, Frank	Marquette	Provisions	5	1	6
June 2	Lammi, John	Marquette	Groceries	3	.....	3
June 1	McDonald & Hayes	Marquette	Notions and shoes	1	1	2
May 26	McGuire, T. C	Marquette	Groceries	2	1	3
Aug. 9	McLean, Norman	Marquette	Groceries	4	1	5
May 31	Manhard, M. R. & Son, Ltd	Marquette	Hardware	8	.....	8
Aug. 9	Marquette Hardware Co	Marquette	Hardware	4	.....	4
Aug. 10	Morin, Russell	Marquette	Groceries	3	.....	3
Aug. 9	Murray's Grocery	Marquette	Groceries	6	2	8
May 24	Neidhart, B. & Co	Marquette	Hardware	1	.....	1
May 29	Ormsbee & Atkins	Marquette	Clothing	4	3	7
May 24	Paris Fashion, The	Marquette	Ladies' clothing	1	6	7
Aug. 8	Pelissier, Virginia M	Marquette	News stand	.....	2	2
May 28	Pendill's Pharmacy	Marquette	Drugs	4	.....	4
Aug. 8	Peterson, Andrew E	Marquette	Dry goods	1	4	5
Aug. 6	Richards, A. C	Marquette	Sporting goods	1	1	2
Aug. 8	Rose, Jacob & Sons	Marquette	Clothing and shoes	6	1	7
Aug. 9	Rustenhoven, J. W	Marquette	Groceries	1	1	2
June 1	Rydholm Brothers	Marquette	Groceries	4	.....	4
June 1	Smith, Jacob	Marquette	Groceries	3	.....	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	MARQUETTE CO.—*Con.*					
June 1	Siegel, John	Marquette	Groceries	4	.....	4
May 28	Stafford Drug Co., The	Marquette	Drugs	7	3	10
May 31	Tierney Brothers	Marquette	Groceries	4	1	5
May 31	Tonella & Son	Marquette	Furniture	4	2	6
June 8	Toupin, S	Marquette	Groceries	2	.....	2
May 31	Union Clothing Co., Ltd	Marquette	Clothing	3	.....	3
Aug. 6	Van Chestining, J. B	Marquette	Ladies' apparel	.....	2	2
May 29	Variety Store, The	Marquette	Dry goods	3	2	5
May 29	Washington Shoe Store	Marquette	Shoes	3	.....	3
Aug. 9	Wear-u-well Shoe Co., The	Marquette	Shoes	1	.....	1
Aug. 7	Westlake, A. H	Marquette	Dry goods	2	3	5
June 8	Willesen's News Depot	Marquette	Newspapers, etc	2	1	3
May 28	Woolworth, F. W. Co	Marquette	5 and 10 cent goods	1	9	10
Aug. 8	Workers' Cooperative Society	Marquette	Groceries	4	.....	4
Aug. 21	Christenson, Peter	Michigamme	General merchandise	3	.....	3
Aug. 21	Majhannu, F. W	Michigamme	Dry goods and clothing	1	1	2
Aug. 21	Sundstrom, C. F	Michigamme	General merchandise	2	.....	2
June 23	Arneth Brothers	Negaunee	Drugs	3	.....	3
June 21	Auno, Peter A	Negaunee	Gents' furnishings	1	.....	1
June 19	Braastad, F. & Co	Negaunee	General merchandise	4	3	7
June 21	Barabe, Joseph	Negaunee	Groceries	3	.....	3
June 23	Chiabotto, Felix	Negaunee	Groceries	2	1	3
June 22	Curley Brothers	Negaunee	Groceries	4	.....	4
June 20	Dighera, Dominic	Negaunee	Groceries	2	1	3
June 23	Erickson, A	Negaunee	Confectionery	2	.....	2
June 23	Erickson, John	Negaunee	Groceries	3	1	4
June 19	Fennia Prescription Pharmacy	Negaunee	Drugs	1	1	2
June 21	Field, Oscar Estate	Negaunee	Clothing	2	.....	2
June 20	Goudge, J. W	Negaunee	5 and 10 cent goods	1	3	4
June 19	Haupt, George J	Negaunee	Groceries	2	.....	2
June 19	Hill, Charles	Negaunee	Groceries	2	2	4
June 21	Hub, The	Negaunee	Gents' clothing	2	.....	2
June 22	Klein, Ernest M	Negaunee	Dry goods	4	10	14
June 22	Levine Brothers	Negaunee	General merchandise	5	10	15
June 22	Lowenstein Department Store	Negaunee	Dry goods	3	6	9
June 20	Manning, John	Negaunee	Groceries	3	.....	3
June 21	Mattson & Lukkarenen	Negaunee	Groceries	2	.....	2
June 22	Michigan Gas & Electric Co	Negaunee	Gas and electric supplies	2	1	3
June 23	Mitchell Brothers	Negaunee	Groceries	2	1	3
June 23	Monti, Mrs. Theresa	Negaunee	Confectionery	.....	2	2
June 23	Negaunee Hardware & Furniture Store	Negaunee	Hardware and furniture	3	.....	3
June 19	Ollila, John	Negaunee	Groceries	7	2	9
June 22	Perkins, J. M	Negaunee	Drugs	2	1	3
June 22	Rasmussen, Peter	Negaunee	Dry goods	1	3	4
June 21	Salo, Jacob & Co	Negaunee	Clothing	1	1	2
June 21	Sawbridge, J. H	Negaunee	Hardware and furniture	4	.....	4
June 20	Sher, L	Negaunee	Dry goods	1	1	2
June 21	Tompkins' Pharmacy	Negaunee	Drugs	2	.....	2
Aug. 17	Davidson's Department Store	Palmer	Dry goods	7	4	11
Aug. 20	Winter & Suess	Princeton	Provisions	3	1	4
	MASON COUNTY.					
May 11	Reek Bros	Fountain	Hardware	3	.....	3
April 17	Bazaar, The	Ludington	5 and 10c merchandise	1	.....	1
April 20	Brandt, Chas	Ludington	Groceries	3	.....	3
May 5	Cartier, A. E. Sons Co	Ludington	General merchandise	10	6	16
April 20	Clark, F	Ludington	Confectionery	1	2	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	MASON CO.—*Con.*					
April 18	Drach, Adam Company, The	Ludington	Dry goods	3	7	10
April 18	Forslind, Chas	Ludington	Shoes	3	.....	3
April 20	Goodsell Hardware Co	Ludington	Hardware	4	.....	4
April 17	Gosiling Grocery	Ludington	Groceries	5	1	6
April 18	Groening, G. & Sons	Ludington	Clothing and shoes	5	1	6
April 28	Kondelka & Cota	Ludington	General merchandise	5	1	6
April 18	Lunde Clothing Co	Ludington	Clothing	2	.....	2
April 18	Rye & Washatka Co	Ludington	Dry goods	5	7	12
April 18	Sahlmark, Joe	Ludington	Drugs	4	.....	4
April 17	Sherman, John A	Ludington	Books, stationery, etc	2	1	3
April 20	Taggart, J. N	Ludington	Drugs and sundries	3	.....	3
April 18	Thompson, Mrs. B. C	Ludington	Confectionery	.....	1	1
April 18	Tuttle, R. H	Ludington	General merchandise	3	7	10
April 20	Wangen, O. J	Ludington	Paints, wall paper, etc	4	.....	4
April 27	Waters Hardware Co	Ludington	Hardware	5	1	6
April 20	Woolworth, F. W. Co	Ludington	5 and 10c merchandise	2	6	8
May 15	Reader, F. J. & Sons	Scottville	Implements	4	1	5
May 15	Smith, T. D	Scottville	Hardware and implements	4	1	5
	MECOSTA COUNTY.					
April 9	Brown & Butts	Barryton	General merchandise	3	.....	3
April 9	Farwell, John	Barryton	Hardware	2	.....	2
April 9	Malmstone & Phillips	Barryton	General merchandise	3	.....	3
Mar. 29	Big Rapids Pharmacy	Big Rapids	Drugs	3	.....	3
Mar. 30	Boston Store, The	Big Rapids	Dry goods and shoes	2	2	4
Mar. 26	Brack, Fred & Co	Big Rapids	Groceries	3	.....	3
Mar. 29	Carpenter, C. D	Big Rapids	Dry goods, etc	3	4	7
Mar. 3	Fairman's Drug Store	Big Rapids	Drugs	6	1	7
Mar. 30	Jensen, J. C. & Co	Big Rapids	Dry goods and shoes	7	7	14
Mar. 30	Judson, C. P	Big Rapids	Hardware	5	1	6
Mar. 27	Milner, Geo. W	Big Rapids	Drugs, etc	2	.....	2
Mar. 26	Newcombe, E. C	Big Rapids	Jewelry	3	2	5
Mar. 3	Osborne Mercantile Co	Big Rapids	General merchandise	1	4	5
Mar. 29	Phillips, J. A	Big Rapids	General merchandise	4	1	5
Mar. 29	Reynolds, W. A	Big Rapids	Groceries	3	1	4
Mar. 26	Sanford Co., The	Big Rapids	General merchandise	10	4	14
Mar. 3	Sloss, W. J. & Son	Big Rapids	Implements	6	.....	6
Mar. 30	Stillwell, W. A	Big Rapids	Notions	3	5	8
Mar. 30	Truax & Zetterstedt	Big Rapids	Clothing	3	.....	3
Mar. 3	Van Auken, Wm. R	Big Rapids	Groceries	3	1	4
Mar. 3	Zeller, A. J	Big Rapids	Groceries	3	.....	3
April 10	Carmen, W. R	Mecosta	Hardware	4	.....	4
April 10	Bromley, E	Mecosta	General merchandise	4	2	6
April 10	Rettinger, Eugene	Mecosta	General merchandise	2	.....	2
April 11	Hunter, Frank A	Morley	General merchandise	1	1	2
April 11	Morley Mercantile Co	Morley	General merchandise	4	1	5
April 11	Steinke, F. F	Morley	Groceries	2	.....	2
April 10	Aldrich, L. S. & Son	Remus	General merchandise	1	1	2
April 10	Anderson-Percy Co	Remus	General merchandise	2	1	3
April 10	Diehm Bros	Remus	General merchandise	3	1	4
Mar. 4	Crane, Marvin D	Stanwood	General merchandise	2	1	3
Mar. 4	Gogo, J. E	Stanwood	General merchandise	2	2	4
Mar. 4	Schuster, C. F. & Co	Stanwood	General merchandise	2	1	3
Mar. 4	Smith, E. L	Stanwood	Hardware	2	.....	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	MENOMINEE COUNTY.					
Jan. 22	Daggett Mercantile Co	Daggett	General merchandise	4	1	5
Jan. 23	Dunham, John & Son	Daggett	General merchandise	3	.....	3
Jan. 23	Weng, L. E. & Son	Daggett	General merchandise	5	1	6
Jan. 23	Wisconsin Land & Lumber Co	Hermansville	General merchandise	5	1	6
Jan. 23	Barker, E. A	Ingalls	General merchandise	3	.....	3
Jan. 23	Carley, Ira	Ingalls	General merchandise	4	1	5
Jan. 23	Dobeas, L	Ingalls	General merchandise	2	1	3
Jan. 23	Pelnar's Grocery	Menominee	Groceries	3	2	5
Jan. 23	Temple Shoe Store, The	Menominee	Shoes	3	1	4
Jan. 23	Simansky, I. & Son	Menominee	Men's furnishings	5	1	6
Jan. 23	Wilson-Henes Co	Menominee	General merchandise	16	38	54
Jan. 22	Woodford & Bill Piano Co	Menominee	Musical supplies	5	2	7
Jan. 23	Bradner, C. E	Powers	General merchandise	4	1	5
Jan. 23	Schwellenbach, Henry	Spalding	General merchandise	2	1	3
Jan. 23	Demelle, Chas	Stephenson	Hardware	1	.....	1
Jan. 23	Lienna, Frank	Stephenson	Groceries	3	1	4
Jan. 23	Loth, Mrs. A. N	Stephenson	5 and 10c merchandise	.....	2	2
Jan. 23	Sawbridge's Pharmacy	Stephenson	Drugs	1	1	2
Jan. 23	Wekaler, Louis	Stephenson	General merchandise	2	1	3
Jan. 23	Winter, W. B	Stephenson	General merchandise	6	3	9
	MIDLAND COUNTY.					
Oct. 23	Barrett, J. E	Midland	Groceries	3	1	4
Oct. 22	Carter, B. H. & Co	Midland	Dry goods	2	2	4
Oct. 22	Evens, Will	Midland	Notions	1	1	2
Oct. 22	Fleming-Barclay Grocery, Inc	Midland	Groceries	9	3	12
Oct. 22	Gardiner, E. L. Co	Midland	General merchandise	2	5	7
Oct. 22	Gardner, W. H	Midland	Jewelry	2	.....	2
Oct. 23	Gibson Hardware Co	Midland	Hardware	2	1	3
Oct. 22	Hubbard, W. A	Midland	Drugs	1	.....	1
Oct. 22	Kleine, Geo. & Co	Midland	Dry goods	1	.....	1
Oct. 22	Lewinstein, A. W	Midland	Jewelry	1	.....	1
Oct. 22	McCann & Sons	Midland	Men's furnishings	4	.....	4
Oct. 22	Midland Grocery, The	Midland	Groceries	3	.....	3
Oct. 22	Mode & Gordon	Midland	Men's clothing	3	.....	3
Oct. 23	Nickles-Merts	Midland	General merchandise	1	6	7
Oct. 22	O'Brien, William P	Midland	Wall paper and crockery	1	.....	1
Oct. 22	Reardon & Beckwith Mercantile Co	Midland	Dry goods	5	5	10
Oct. 22	Thompson & Winkler Co	Midland	General merchandise	8	3	11
Oct. 22	Wenzel & Stark	Midland	Hardware	5	1	6
	MISSAUKEE COUNTY.					
Feb. 15	Mitchell Bros. Co	Jennings	General merchandise	17	4	21
Feb. 15	Ardis Bros	Lake City	General merchandise	5	2	7
Feb. 15	Bielby, R. M	Lake City	Hardware	3	.....	3
Feb. 15	Lake City Hardware Co	Lake City	Hardware	3	1	4
Feb. 14	Ardis Bros	McBain	General merchandise	1	1	2
Feb. 14	Hughston & Co	McBain	General merchandise	3	1	4
Feb. 14	Stocker, C. D	McBain	Clothing, etc	2	.....	2
	MONTCALM COUNTY.					
June 8	Shook, A. N	Coral	General merchandise	2	1	3
June 8	Woodall, Wm. J	Coral	Drugs	2	.....	2
June 18	Beardslee, Don L	Greenville	Farm implements	3	1	4
June 18	Bohrer, Z. C	Greenville	General merchandise	1	3	4
June 18	Bradley's, Wm. Son	Greenville	Groceries	7	.....	7

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	MONTCALM CO.—*Con.*					
June 20	Clark, E. S.	Greenville	Dry goods	4	4	8
June 11	Cowin, Ray S.	Greenville	Clothing and shoes	2	.....	2
June 19	Edsall, P. D.	Greenville	Books	3	.....	3
June 18	Erikesen, Erik A.	Greenville	Groceries	3	.....	3
June 19	Gould's Drug Store	Greenville	Drugs	2	.....	2
June 20	Greenville Dry Goods Co., The	Greenville	Dry goods	2	2	4
June 20	Hubbard & Fuller	Greenville	Drugs	3	.....	3
June 18	Jacobson's	Greenville	General merchandise	6	11	17
June 20	Linquist, Francis O. Co.	Greenville	Clothing	3	.....	3
June 11	Miller & Harris Furniture Co.	Greenville	Furniture	3	.....	3
June 20	Philadelphia Candy Store, The	Greenville	Confectionery, etc.	1	1	2
June 12	Rensman, J. C.	Greenville	Clothing, etc.	2	.....	2
June 20	Slawson, W. W.	Greenville	Drugs	2	.....	2
June 20	Temmink, J. H. & Co.	Greenville	Hardware	5	.....	5
June 19	Van, Roy	Greenville	Groceries	3	.....	3
June 11	Van Deinse, Peter	Greenville	Drugs	3	.....	3
June 19	Van Wormer, J. E.	Greenville	Groceries	3	1	4
June 11	Winter, Claude L.	Greenville	Hardware	3	1	4
June 8	Bullock, Sid V.	Howard City	Drugs	2	.....	2
June 8	Crittenden, Bert	Howard City	Groceries	1	1	2
June 7	Engelman, Wm.	Howard City	Clothing	2	.....	2
June 7	Henkel, Blaine	Howard City	Groceries	2	.....	2
June 7	Herold Bros.	Howard City	Shoes, etc.	4	.....	4
June 7	Jennings, R. S. Hardware Co.	Howard City	Hardware	3	.....	3
June 7	Larry Hardware Co.	Howard City	Hardware	4	.....	4
June 7	Philadelphia Candy Co.	Howard City	Confectionery, etc.	1	1	2
June 7	Wilson, Glenn	Howard City	Groceries	2	.....	2
June 21	Gittleman, Sol & Louis Co., Inc.	Lakeview	Clothing and dry goods	2	2	4
June 21	Herron, E. A.	Lakeview	Drugs	3	.....	3
June 21	Meach & White	Lakeview	Hardware, etc.	4	1	5
June 22	Youngman, N. H. & Sons	Lakeview	Hardware and furniture	4	.....	4
June 9	Christiansen, John	Trufant	General merchandise	3	.....	3
June 9	Madsen, John	Trufant	Drugs	2	.....	2
June 9	Nielsen, N. P.	Trufant	Farm implements	2	.....	2
	MONTMORENCY COUNTY.					
Aug. 15	Gorman, Mrs. J. A.	Hillman	Groceries	.....	1	1
Aug. 15	Jackson, R. T.	Hillman	Groceries	1	.....	1
Aug. 15	Mendelson, A.	Hillman	General merchandise	5	.....	5
Aug. 15	Naylor, Thos. & Son	Hillman	Hardware	2	.....	2
Aug. 15	Phillips, M.	Hillman	Drugs	1	1	2
Aug. 15	Rea, Austin	Hillman	Hardware	1	.....	1
	MONROE COUNTY.					
Nov. 20	Duvall, M. D.	Monroe	Groceries	3	.....	3
Nov. 20	Finsel, Gus. W. A.	Monroe	Hardware	7	1	8
Nov. 20	Fix, John B. & Son	Monroe	Farm implements	2	.....	2
Nov. 20	Gekle & Martin	Monroe	Hardware	8	.....	8
Nov. 20	Hagans Drug Co.	Monroe	Drugs	3	9	12
Nov. 20	Herrmann, Geo.	Monroe	Groceries	3	1	4
Nov. 19	Hoffman & Dosmer	Monroe	Cigars	5	.....	5
Nov. 19	Hubble Bros.	Monroe	Musical supplies	2	1	3
Nov. 20	Hutchins, H. & Co.	Monroe	5 and 10c merchandise	2	8	10
Nov. 20	Lauer, Ed. J. G.	Monroe	Dry goods	8	9	17
Nov. 20	Mann & Westlake	Monroe	Musical supplies	2	1	3
Nov. 20	Martin Shoe House	Monroe	Shoes	4	.....	4
Nov. 19	Meier, Frederic	Monroe	Stationery, etc.	4	1	5
Nov. 20	Melonakoo, Chas.	Monroe	Confectionery	4	.....	4

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	MONROE CO.—*Con.*					
Nov. 20	Monroe Implement & Tractor Co	Monroe	Farm implements	2	.....	2
Nov. 19	Nadeau, M. J	Monroe	Groceries	5	.....	5
Nov. 19	Rupp-Humphrey & Huber Co	Monroe	Furniture	4	.....	4
Nov. 19	Schmidt, W. F	Monroe	Dry goods	3	3	6
	MUSKEGON COUNTY.					
Dec. 3	Bearss, E. E	Bailey	General merchandise	1	1	2
Dec. 3	Seaman, Geo. E	Bailey	General merchandise	1	2	3
Dec. 3	Storey, E. G	Bailey	Hardware	2	.....	2
Nov. 16	Burley, Geo. E	Casnovia	General merchandise	2	.....	2
Nov. 16	Estlow & Reed	Casnovia	Hardware	2	.....	2
Dec. 3	Gold, C. L	Casnovia	Drugs	1	.....	1
Nov. 20	Harris, William & Co	Casnovia	General merchandise	1	.....	1
Nov. 16	Hutson, Joseph	Casnovia	General merchandise	1	.....	1
Nov. 16	Kuyers-Longwood Co	Casnovia	General merchandise	1	1	2
Nov. 16	Rowland, C. H	Casnovia	Furniture and hardware	1	.....	1
Nov. 20	Thomas, C. F. & Co	Casnovia	General merchandise	1	1	2
Nov. 16	Webb, E. A	Casnovia	Drugs	1	.....	1
Nov. 25	Bowen, C. T	Egelston	Groceries	1	1	2
Nov. 26	Rahn, Robert	Egelston	Tobacco and cigars	1	1	2
Nov. 26	Van Buskirk, G. W	Egelston	Groceries	1	1	2
Nov. 7	Beerman's Music House	Muskegon	Musical supplies	5	4	9
Nov. 8	Bither, J. J	Muskegon	Crockery and china	2	1	3
Nov. 6	Boyd's Book & Stationery Store	Muskegon	Stationery, etc	3	6	9
Nov. 7	Brundage Drug Co	Muskegon	Drugs	9	8	17
Oct. 6	Central Drug Store Co	Muskegon	Drugs and sodas	5	4	9
Nov. 7	Chase-Hackley Piano Co	Muskegon	Pianos, etc	3	2	5
Oct. 6	Christie, D. Estate	Muskegon	Groceries	16	5	21
Nov. 7	Daniel's Book Shop	Muskegon	Books	1	1	2
Nov. 5	Detroit Cash & Credit Co	Muskegon	Clothing	3	2	5
Nov. 7	Dratz, J. George Co	Muskegon	General merchandise	10	53	63
Nov. 7	Gillard, Richard C. Co	Muskegon	Candies	1	6	7
Nov. 8	Grossman Bros	Muskegon	Dry goods	2	17	19
Nov. 6	Gudelsky, I. & Son	Muskegon	General merchandise	8	2	10
Nov. 7	Hankow Tea Co	Muskegon	Teas and coffees	1	1	2
Nov. 6	Hardy, Wm. D. & Co	Muskegon	General merchandise	12	44	56
Nov. 6	Huisinga, Geo. H. & Co	Muskegon	Jewelry	1	1	2
Nov. 6	Independent 5 and 10c Store	Muskegon	5 and 10c merchandise	2	14	16
Oct. 7	Jackson Clothing House	Muskegon	Clothing	16	3	19
Nov. 6	Jacobs, David	Muskegon	Jewelry	1	4	5
Nov. 7	King Clothing Co	Muskegon	Clothing	5	2	7
Nov. 6	Kresge, S. S. Co	Muskegon	5 and 10c merchandise	4	31	35
Nov. 7	Krautheim, A	Muskegon	Jewelry	3	1	4
Nov. 8	Kuisenga & Whipple	Muskegon	Books	1	1	2
Nov. 6	Leahy Compnay	Muskegon	Dry goods, etc	8	28	36
Nov. 5	Man from Michigan, The	Muskegon	Clothing	3	2	5
Nov. 7	Markus Co	Muskegon	Ladies' garments	3	6	9
Nov. 7	Mueller, F	Muskegon	Jewelry	3	3	6
Oct. 6	Neumeister & Schults	Muskegon	Shoes	6	.....	6
Nov. 8	Occidental Candy Shop	Muskegon	Confectionery	3	2	5
Nov. 6	Panyard, G. V. & Co	Muskegon	Pictures	25	1	26
Nov. 6	Peoples' Credit Clothing Co	Muskegon	Clothing	3	4	7
Nov. 7	People's Hardware Co	Muskegon	Hardware	11	2	13
Nov. 7	Red Front Store	Muskegon	Groceries	5	4	9
Nov. 6	Riordan, J. Co	Muskegon	Dry goods	4	19	23
Oct. 6	Rosen Bros	Muskegon	Clothing	11	1	12
Nov. 5	R. & W. Shoe Co., The	Muskegon	Shoes	5	4	9
Nov. 5	St. Marie, A. S	Muskegon	Jewelry	1	1	2
Nov. 6	Sanford Drug Co	Muskegon	Drugs	2	1	3
Nov. 7	Singer Sewing Machine Co	Muskegon	Sewing machines	5	2	7
Oct. 6	Square, The	Muskegon	Clothing	8	3	11

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	MUSKEGON CO.—*Con.*					
Nov. 6	Style Shop, The	Muskegon	Ladies' garments	3	6	9
Oct. 6	Torbeson Drug Co	Muskegon	Drugs	3	1	4
Nov. 7	Tower Clothiers, The	Muskegon	Clothing	7	1	8
Oct. 7	Tower Shoers, The	Muskegon	Shoes	7	2	9
Nov. 6	Towner Hardware Co	Muskegon	Hardware	24	4	28
Oct. 7	Vanderlinde, N. G	Muskegon	Furniture	10	.....	10
Nov. 6	Vanderwerp, J. D	Muskegon	Furniture	3	1	4
Nov. 7	Wasserman, L	Muskegon	Flowers	1	3	4
Nov. 7	White Sewing Machine Co	Muskegon	Sewing machines	2	1	3
Nov. 6	Woolworth, F. W. Co	Muskegon	5 and 10c merchandise	1	16	17
Nov. 12	Alberts, C. E	Ravenna	General merchandise	2	1	3
Nov. 12	Bartholomew, E	Ravenna	General hardware	2	.....	2
Nov. 12	Conklin, Oscar A	Ravenna	General merchandise	1	.....	1
Nov. 12	Eason, Geo. E	Ravenna	General merchandise	1	.....	1
Nov. 12	Plamp & Treutelaar	Ravenna	Jewelry	1	.....	1
Nov. 12	Ravenna Supply Co	Ravenna	Groceries, etc	1	1	2
Nov. 12	Rogers, A	Ravenna	Drugs	1	.....	1
Nov. 12	Robertson, W. W	Ravenna	Shoes and groceries	1	.....	1
Nov. 12	Starks, H. C. & Son	Ravenna	General merchandise	2	1	3
Nov. 11	Thatcher, F. E. & Son	Ravenna	Drugs and groceries	2	1	3
Oct. 18	Conklin, John S	Sullivan	Hardware	1	.....	1
Oct. 18	Sheringer, Fred	Sullivan	General merchandise	2	1	3
	NEWAYGO COUNTY.					
June 21	Cash Variety Store	Fremont	Dry goods and notions	1	1	2
June 21	Pearson, W. W	Fremont	Dry goods	2	5	7
June 21	Pikaart Bros	Fremont	General merchandise	2	4	6
June 21	Puff, L. D	Fremont	Hardware	4	1	5
June 21	Raider, Geo. B	Fremont	Hardware	2	.....	2
June 21	Reber Bros	Fremont	General dry goods	3	3	6
June 21	Vanderwerp, R	Fremont	Men's furnishings	3	.....	3
	OAKLAND COUNTY.					
Sept. 15	Baker, Clara	Birmingham	Notions	1	1	2
Sept. 14	Baxter, H. W	Birmingham	Jewelry	1	.....	1
Sept. 14	Birmingham Department Store	Birmingham	General merchandise	2	1	3
Sept. 14	Birmingham Grocery, The	Birmingham	Groceries	4	2	6
Sept. 15	Birmingham Hardware, The	Birmingham	Hardware	3	.....	3
Sept. 14	Chambers, H. S	Birmingham	Men's furnishings	1	.....	1
Sept. 15	Cobb, James W	Birmingham	Drugs	4	1	5
Sept. 14	Daines & Bell	Birmingham	Furniture	3	.....	3
Sept. 14	Field, H. G. Construction Co	Birmingham	Hardware, paints, etc	53	1	54
Sept. 14	Huston Hardware Co	Birmingham	Hardware	3	.....	3
Sept. 15	Miner Grocery Co	Birmingham	Groceries	6	2	8
Sept. 15	Shain, Chas. J	Birmingham	Drugs	4	1	5
Sept. 14	Smith, C. F. & Co	Birmingham	Groceries	5	.....	5
Sept. 14	Uptegraff, W. H	Birmingham	Groceries	3	1	4
Sept. 15	Walker, Elmer and W. G. McBride	Birmingham	Groceries	2	.....	2
Sept. 14	Young, Fred L	Birmingham	Shoes	2	.....	2
Sept. 13	Cook, Fred L. & Co	Farmington	General merchandise	8	1	9
Sept. 13	Grace, E. C	Farmington	General merchandise	2	1	3
Sept. 13	McGee, T. H	Farmington	Drugs	1	1	2
Sept. 13	Smith, C. F	Farmington	Groceries	3	1	4
Sept. 10	Leary, S. A	New Hudson	General merchandise	3	.....	3
Sept. 12	Goodell, C. E	Novi	General merchandise	2	.....	2
Sept. 12	Moeren, M. J	Novi	General merchandise	1	.....	1
Sept. 12	Walter, Claud H	Novi	Groceries	2	.....	2
Oct. 17	Groom Candy Store	Pontiac	Confectionery	2	1	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	OAKLAND CO.—*Con.*					
Sept. 26	Haddad, Michael	Pontiac	Confectionery	2	2	4
Oct. 9	Stewart's Sweet Shop	Pontiac	Confectionery	2	1	3
Oct. 25	Crissman's Pharmacy	Rochester	Drugs	3	.....	3
Oct. 26	Fink Bros	Rochester	Hardware	2	.....	2
Sept. 24	Bowden & Martin	Royal Oak	Dry goods	2	2	4
Sept. 21	Chandler, C. B	Royal Oak	Hardware	1	.....	1
Sept. 20	Knaggs, D. A	Royal Oak	Groceries	2	2	4
Sept. 19	LaLonde, Mrs. W. S	Royal Oak	Groceries and shoes	2	1	3
Sept. 20	Smith-Crampton Co	Royal Oak	Hardware	3	1	4
Sept. 24	Trempler, R	Royal Oak	Groceries	1	1	2
Sept. 11	Calkins, E. M	South Lyon	Dry goods and groceries	2	1	3
Sept. 10	Dunlap, Thomas	South Lyon	Drugs	1	.....	1
Sept. 11	Giddings, G. R	South Lyon	General hardware	2	.....	2
Sept. 10	Hamilton, G. D	South Lyon	Jewelry	1	1	2
Sept. 11	Holloway, A. E	South Lyon	Groceries	2	1	3
Sept. 10	Kalmbach & Glenan	South Lyon	General merchandise	2	1	3
Sept. 10	Richardson, H. L	South Lyon	Furniture	1	.....	1
Sept. 10	Stanbro & Smith	South Lyon	General hardware	2	.....	2
Sept. 11	Stevenson, H. C	South Lyon	Drugs, etc	1	1	2
Sept. 11	Wallace, E. D	South Lyon	Groceries	2	.....	2
Sept. 10	Yetaka, F. W	South Lyon	Groceries	2	.....	2
Sept. 10	Hoyt, W. R	Walled Lake	Groceries	2	.....	2
Sept. 11	Parmenter, Fred A	Walled Lake	Groceries	2	.....	2
Sept. 11	Chambers Bros	Wixom	General hardware	2	.....	2
Sept. 11	Wixom Cooperative Association	Wixom	General merchandise	1	2	3
	OCEANA COUNTY.					
June 8	DeKruyter, James	New Era	General merchandise	2	1	3
June 9	Westing, John & Co	New Era	General merchandise	3	2	5
June 9	Wickerink, J. G	New Era	General merchandise	2	1	3
May 21	Sands & Maxwell Lumber Co	Pentwater	General merchandise	9	3	12
	OGEMAW COUNTY.					
Aug. 9	Rakestraw & Son	Lupton	Dry goods	2	.....	2
Aug. 9	Reid, A	Lupton	Hardware and groceries	2	.....	2
Aug. 9	Spofford, R. J	Lupton	Drugs	1	.....	1
Aug. 9	Campbell, W. R	Prescott	General merchandise	2	.....	2
Aug. 9	Eymer Co., The	Prescott	Hardware	1	.....	1
Aug. 9	Mallory & Common	Prescott	Groceries	2	.....	2
Aug. 9	Stoutenburg, Mrs. D. A	Prescott	Dry goods	.....	1	1
Aug. 9	Weinberg, S. N. & Co	Prescott	General merchandise	3	1	4
Aug. 9	Hoffman, F	Rose City	Dry goods	1	.....	1
Aug. 9	Karcher, H. S. & Son	Rose City	Drugs	2	.....	2
Aug. 9	Parker, Duane	Rose City	Notions	1	.....	1
Aug. 9	Stark, W. H. & Son	Rose City	General merchandise	3	1	4
Aug. 9	Winnger, W. A	Rose City	Hardware and furniture	1	.....	1
Aug. 15	Alt, John T	West Branch	Clothing	2	.....	2
Aug. 15	Blumenthal, B	West Branch	Dry goods	1	.....	1
Aug. 15	Blumenthal, Phillip	West Branch	Dry goods	1	1	2
Aug. 15	Estey & Nauman	West Branch	Groceries	4	.....	4
Aug. 15	Irons, Archie C	West Branch	General merchandise	2	.....	2
Aug. 15	McGowan, Ed. H	West Branch	Hardware	2	.....	2
Aug. 15	Merrill, H. G	West Branch	Novelties	1	.....	1
Aug. 15	Neilson, A. C	West Branch	Groceries	5	.....	5
Aug. 15	Parliament, Burt	West Branch	Drugs	2	.....	2
Aug. 15	Sargent, J. T. & Son	West Branch	Hardware	2	.....	2
Aug. 15	Steuernol Bros	West Branch	Furniture	2	.....	2
Aug. 15	Wynne, J. T	West Branch	Groceries	2	.....	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	ONTONAGON COUNTY.					
Nov. 22	Lake Store Co.	Lake Mine	General merchandise	3	3	6
Nov. 22	Brown, C. H.	Mass	Confectionery, etc.	1	1	2
Nov. 22	Huttu, Chas.	Mass	General merchandise	3	1	4
Nov. 22	Kermu, John	Mass	General merchandise	1	1	2
Nov. 22	Kyllonen, Matt.	Mass	Groceries	7	1	8
Nov. 22	Maloney, Lawrence J. & Co.	Mass	Dry goods	2	1	3
Nov. 22	Marttinen, David	Mass	Groceries	1	1	2
Nov. 22	Mass Cooperative Co.	Mass	General merchandise	5	2	7
Nov. 22	Mass Drug Store	Mass	Drugs	1	2	3
Nov. 22	Nara Bros. & Pfeifer	Mass	General merchandise	6	2	8
Nov. 22	Orenstein, W.	Mass	General merchandise	1	2	3
Nov. 17	Eichen, Chas. F.	Ontonagon	Dry goods and clothing	1	1	2
Nov. 16	Emmons, C. H.	Ontonagon	Groceries	1	.....	1
Nov. 17	Donnelly, J. P. & Co.	Ontonagon	General merchandise	4	2	6
Nov. 17	Gunsolley, J. D.	Ontonagon	Dry goods	1	1	2
Nov. 19	Halter & LeMoine	Ontonagon	General merchandise	4	.....	4
Nov. 17	Levine, Harris	Ontonagon	Jewelry	2	.....	2
Nov. 17	Marley's Variety Store	Ontonagon	Confectionery and tobacco	1	1	2
Nov. 17	Muskatt's Department Store	Ontonagon	Dry goods and clothing	2	2	4
Nov. 17	Ostranders' Drug Store	Ontonagon	Drugs	1	1	2
Nov. 17	Power's, H. M. Pharmacy	Ontonagon	Drugs	1	.....	1
Nov. 17	Roosen, Casper	Ontonagon	Groceries	2	.....	2
Nov. 17	Salter, W. G.	Ontonagon	Groceries	1	1	2
Nov. 17	Woodbury, E. O.	Ontonagon	Groceries	2	1	3
Nov. 20	Frederickson, C. J. Estate	Rockland	General merchandise	3	2	5
Nov. 20	Hibbard's Pharmacy	Rockland	Drugs	1	2	3
Nov. 20	Karben, George	Rockland	General merchandise	1	1	2
Nov. 20	Lundquist, Alfred	Rockland	General merchandise	1	1	2
Nov. 21	Schmidlin, Chas. J.	Rockland	Men's furnishings	1	.....	1
Nov. 21	Victoria Mine Store	Victoria Mine	General merchandise	4	.....	4
Nov. 20	Goodell & Wessels	White Pine Mine	General merchandise	6	1	7
	OSCEOLA COUNTY.					
Nov. 7	Andrus, Geo. F.	Evart	Dry goods	2	.....	2
Nov. 7	Bruce, G. N.	Evart	Drugs, etc.	2	.....	2
Nov. 7	Davy & Company	Evart	General merchandise	17	6	23
Nov. 7	Evart Drug Co.	Evart	Drugs	3	.....	3
Nov. 7	Fleming Shoe Co.	Evart	Shoes	2	.....	2
Nov. 7	McGowan Hardware Co., The	Evart	Hardware	2	.....	2
Nov. 7	Percival, W. J.	Evart	General merchandise	1	1	2
Nov. 7	Roe, Judson W.	Evart	Shoes, etc.	3	.....	3
Nov. 7	Robinson, L. R.	Evart	Jewelry	1	.....	1
Nov. 7	Sandberg & Allison	Evart	Implements	4	.....	4
Nov. 7	Spano, Mike	Evart	Confectionery	1	.....	1
Nov. 7	Turner & McLachlan	Evart	Groceries	5	1	6
Nov. 7	Wilson, G. B. Co.	Evart	Furniture	2	.....	2
Nov. 7	Coakley Hardware Co.	Hersey	Hardware	3	.....	3
Nov. 7	Deisell, J. T.	Hersey	Drugs	1	.....	1
Nov. 7	Hintze, H. & Willis	Hersey	General merchandise	2	.....	2
Nov. 13	Conklin Drug Co., The	Marion	Drugs	1	.....	1
Nov. 13	Corwin, A. H.	Marion	General merchandise	2	2	4
Nov. 13	Dryer, A. L.	Marion	General merchandise	2	1	3
Nov. 13	Johnson, J. A.	Marion	Jewelry	1	.....	1
Nov. 13	LaGoe, H. H.	Marion	Confectionery	1	1	2
Nov. 13	Lowry Bros.	Marion	Groceries	4	1	5
Nov. 13	Pushinsky, R. A.	Marion	Clothing and furniture	1	.....	1
Nov. 13	Piper Store, The	Marion	General merchandise	2	.....	2
Nov. 13	Struble Hardware Co.	Marion	Hardware	2	.....	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	OSCEOLA CO.—*Con.*					
Nov. 13	White, F. M	Marion	General merchandise	2	.....	2
Nov. 8	Carrow, William E	Reed City	Furniture	3	.....	3
Nov. 8	Gerhardt, Gideon S	Reed City	Shoes, etc	2	.....	2
Nov. 8	Gingrich, G. J	Reed City	Groceries	1	1	2
Nov. 8	Hawkins, H. W	Reed City	Dry goods and shoes	2	1	3
Nov. 8	Hemund & Gingrich	Reed City	Hardware	2	.....	2
Nov. 8	Jacobson, Ben	Reed City	General merchandise	2	2	4
Nov. 8	Johnson, Sam. T	Reed City	Groceries	5	1	6
Nov. 8	Niergarth, H. R	Reed City	Dry goods	1	1	2
Nov. 8	Norman, L. H	Reed City	Jewelry	1	.....	1
Nov. 8	Patterson, J. W	Reed City	Clothing	3	.....	3
Nov. 8	Perna, Bruno	Reed City	Candy and fruits	1	.....	1
Nov. 8	Riggs, Luther	Reed City	Jewelry	1	.....	1
Nov. 8	Riggs, W. T	Reed City	Notions	2	2	4
Nov. 8	Schmidt, Theodore	Reed City	Implements	3	.....	3
Nov. 8	Schack, Simon	Reed City	General merchandise	2	1	3
Nov. 8	Strong Bros	Reed City	Drugs	3	.....	3
	OTSEGO COUNTY.					
Nov. 23	Burdo, S. J. & Co	Elmira	General merchandise	2	1	3
Nov. 23	Petroski, John	Elmira	General merchandise	2	.....	2
Nov. 23	Weaver, Wm. & Son	Elmira	Hardware	2	.....	2
Sept. 21	Brodie & Qua	Gaylord	Hardware	3	.....	3
Sept. 20	Cook Bros	Gaylord	Clothing, etc	2	3	5
Sept. 20	Czapran, F. J	Gaylord	Dry goods, etc	1	1	2
Sept. 18	Ford & Ford	Gaylord	Drugs, etc	1	.....	1
Sept. 18	Gaylord Hardware Co	Gaylord	Hardware	2	1	3
Sept. 21	Guggisberg Bros	Gaylord	Haberdashery	3	.....	3
Sept. 18	Haight, Chas	Gaylord	Hardware	2	.....	2
Sept. 20	Jameson, S. M	Gaylord	Groceries	3	1	4
Sept. 18	Kinnee Harness Co	Gaylord	Harness and shoes	1	.....	1
Sept. 21	Kwapis, Stanley	Gaylord	Groceries	1	2	3
Sept. 18	Leonard, F. C	Gaylord	Groceries	2	.....	2
Sept. 18	Walker, F. S. & Son Co	Gaylord	Furniture	2	.....	2
Sept. 21	Johannesburg Mfg. Co., The	Johannesburg	Groceries and general merchandise	3	.....	3
Sept. 21	Nelson, W. C	Johannesburg	Drugs	2	.....	2
Nov. 17	Kahn Bros	Vanderbilt	Dry goods and shoes	1	1	2
Nov. 17	Sly, D. M. Estate	Vanderbilt	General merchandise	2	.....	2
Nov. 17	Yuill Bros	Vanderbilt	General merchandise	4	1	5
	OTTAWA COUNTY.					
Oct. 25	Boot, P	Holland	Groceries	1	1	2
Oct. 26	Boter, P. S. & Co	Holland	Clothing	9	1	10
Oct. 26	Brink, Henry R	Holland	Books	2	2	4
Oct. 25	Brouwer, Jas. A. Co	Holland	Furniture, etc	7	.....	7
Oct. 26	DePree Hardware Co	Holland	Hardware	5	1	6
Oct. 26	DeVries & Dornbos	Holland	Furniture	4	1	5
Oct. 26	Du Mez Bros	Holland	Dry goods	7	18	25
Oct. 26	French Cloak Store	Holland	Cloaks and suits	1	4	5
Oct. 25	Hankow Tea Co	Holland	Teas and coffees	1	1	2
Oct. 25	Holland Candy Kitchen	Holland	Confectionery	1	2	3
Oct. 25	Huyser Co	Holland	Hats	1	4	5
Oct. 25	K. & B. Hat Shop	Holland	Hats	.....	4	4
Oct. 26	Lokker-Rutgers Co., The	Holland	Clothing	12	1	13
Oct. 26	Meyer's Music House	Holland	Musical supplies	4	1	5
Oct. 26	Nies', John Sons Hardware Co	Holland	Hardware	4	.....	4

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	OTTAWA CO.—*Con.*					
Oct. 25	Peters, A.	Holland	5 and 10c merchandise	2	6	8
Oct. 26	Quality Candy Shop, The	Holland	Confectionery	1	2	3
Oct. 25	Rose Cloak Store	Holland	Clothing	1	1	2
Oct. 26	Slagh, Bert	Holland	Paints, wall paper, etc	4	.....	4
Oct. 26	Steketee, A. & Sons	Holland	Dry goods	2	6	8
Oct. 25	Steketee, B	Holland	Dry goods and groceries	3	3	6
Oct. 26	Van Ark Furniture Co	Holland	Furniture	6	1	7
Oct. 26	Vandersluis, John	Holland	Dry goods	1	2	3
Oct. 25	Van Putten, G	Holland	Dry goods	4	3	7
Oct. 26	Vereeke-Siersma Hardware Co	Holland	Hardware	4	1	5
Oct. 26	Woolworth, F. W. Co	Holland	5 and 10c merchandise	1	13	14
	PRESQUE ISLE COUNTY.					
Oct. 30	Grossman, A. W	Hawks	General merchandise	1	1	2
Oct. 30	Sellke, Albert	Hawks	General merchandise	1	1	2
Oct. 31	Hawks, F. E	Millersburg	Hardware	2	.....	2
Oct. 31	Kroening, Mrs. D. A	Millersburg	General merchandise	1	1	2
Oct. 31	Mills, F. B	Millersburg	General merchandise	2	.....	2
Aug. 23	Abott, L	Onaway	Furniture	1	1	2
Aug. 24	Annibal, E. J. Co	Onaway	Groceries	4	1	5
Aug. 24	Babel, C. W	Onaway	Drugs	1	1	2
Aug. 23	Berlin, Jacob	Onaway	Clothing and dry goods	1	1	2
Aug. 25	Dosie, Adolph	Onaway	Clothing and shoes	1	1	2
Nov. 1	Gagie, Peter	Onaway	Groceries and shoes	2	1	3
Aug. 22	Gregg, Will B	Onaway	Shoes, etc	2	.....	2
Aug. 22	Gumm's Department Store	Onaway	General merchandise	7	4	11
Aug. 25	Harman Bros	Onaway	Grain and feed	3	.....	3
Aug. 25	Howard, William	Onaway	Junk	1	1	2
Aug. 25	Lipshield, Henry	Onaway	Clothing and dry goods	2	2	4
Aug. 22	Mahoney Bros	Onaway	Hardware	2	.....	2
Aug. 25	Steele, O & Co	Onaway	Groceries, etc	5	1	6
Aug. 23	Thompson, Mark	Onaway	Groceries	2	1	3
Aug. 24	Warnock, Joseph	Onaway	Dry goods and groceries	1	3	4
Aug. 21	Smith, Joseph & Co	Posen	General merchandise	3	1	4
Aug. 20	Flemming, F. H	Rogers City	Hardware	2	2	4
Aug. 21	Glaser, Max	Rogers City	Clothing, etc	2	1	3
Aug. 20	Hoeft's Department Store	Rogers City	Dry goods, etc	3	3	6
Aug. 20	Lehndorff, A. F. & Son	Rogers City	Hardware, etc	2	1	3
Aug. 21	O'Gallaghan Bros	Rogers City	Drugs	2	.....	2
	ROSCOMMON COUNTY.					
Aug. 14	Curnalia, W. E	Roscommon	Hardware	1	.....	2
Aug. 14	Loughray, John T	Roscommon	General merchandise	1	1	2
Aug. 14	McCredie, H. E	Roscommon	General merchandise	1	1	2
Aug. 14	Price, Andrew J	Roscommon	General merchandise	5	.....	5
Aug. 14	Rutledge Bros	Roscommon	Hardware	3	.....	3
	SAGINAW COUNTY.					
Aug. 29	Adams, C. F. Co	Saginaw	Home furnishings	2	2	4
Aug. 29	Anderson, J. E	Saginaw	Books	1	2	3
Aug. 22	Barie, Wm. Dry Goods Co., The	Saginaw	General merchandise	40	85	125
Aug. 24	Bernhard & Janke Co	Saginaw	Hardware	4	1	5
Oct. 13	Bommarito, Sam	Saginaw	Fruits	3	.....	3
Aug. 21	Boston Variety Store	Saginaw	Novelties	1	10	11
Aug. 22	Bruske, G. W	Saginaw	Hardware	9	1	10
Aug. 21	Feldman, J. J	Saginaw	Gloves, hosiery, etc	1	2	3
Aug. 22	Ferris Bros	Saginaw	Ladies' apparel	2	2	4
Aug. 29	Fox, Adolph F	Saginaw	Carpets and rugs	4	3	7

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	SAGINAW CO.—*Con.*					
Aug. 22	Frueh, Chas. & Sons	Saginaw	Flowers	7	2	9
Aug. 29	Gately Co., The	Saginaw	Clothing	6	10	16
Aug. 29	Hankow Tea Store	Saginaw	Teas and coffees	1	2	3
Aug. 29	Heagany-Treanor	Saginaw	Furniture and clothing	.....	4	4
Sept. 8	Heavenrich Bros. & Co	Saginaw	Clothing	28	4	32
Aug. 29	Hickey, D. E. & Co	Saginaw	Women's wear	1	.....	1
Dec. 18	Hubinger, L. B	Saginaw	General merchandise	5	1	6
Aug. 28	Ippel, J. W. Co., The	Saginaw	Dry goods	10	15	25
Aug. 24	Ittner, Ph	Saginaw	Dry goods	2	7	9
Aug. 29	Menter Co., The	Saginaw	Women's wear	2	3	5
Aug. 22	Mercer & Co	Saginaw	Clothing	7	1	8
Aug. 24	Miller, W. H	Saginaw	Dry goods, etc	1	2	3
Aug. 21	Murray, M. C	Saginaw	Dry goods	6	20	26
Aug. 24	Murphy & O'Hara	Saginaw	Furniture	8	2	10
Aug. 22	People's Bargain Store	Saginaw	General merchandise	3	6	9
Aug. 24	Philippe's, A. D	Saginaw	Dry goods	5	8	13
Oct. 5	Piowaty, M. & Sons	Saginaw	Fruits, etc	7	2	9
Aug. 24	Popp & Wolf Hardware Co	Saginaw	Hardware	15	3	18
Aug. 22	Rich & Co	Saginaw	General merchandise	3	1	4
Aug. 22	Schmeiser, John	Saginaw	Furniture	17	2	19
Aug. 24	Schneerrmann, H. B. & Co	Saginaw	Ladies' garments	2	8	10
Aug. 23	Schwemer & Witt	Saginaw	Dry goods	4	2	6
Aug. 23	Seitner Bros	Saginaw	Clothing	20	46	66
Aug. 23	Sobel Bros	Saginaw	Ladies' apparel	.....	8	8
Oct. 5	Spagnuolo, F	Saginaw	Fruits, etc	5	.....	5
Aug. 23	Style Shop, The	Saginaw	Women's apparel	3	10	13
Aug. 29	Swinton & Co	Saginaw	Books	2	2	4
Aug. 24	Tanner, M. W. Co., The	Saginaw	General merchandise	27	78	105
Aug. 21	Watson, H. & Co	Saginaw	Crockery and glassware	7	4	11
Aug. 22	Wiechmann, Wm. C	Saginaw	General merchandise	9	19	28
Aug. 22	Woolworth, F. W. Co	Saginaw	5 and 10c merchandise	6	38	44
Aug. 30	World's Star Knitting Co	Saginaw	Knit goods and hosiery	1	2	3
	ST. CLAIR COUNTY.					
Sept. 5	Gilbert, J. W	Algonac	Groceries	3	3	6
Sept. 5	Johnson, D. W	Algonac	Groceries	2	1	3
Sept. 5	Lieberman & Kann	Algonac	Dry goods and clothing	2	3	5
Sept. 5	Wallace Hardware Co	Algonac	Hardware	5	1	6
Sept. 14	Blaine Cooperative Co	Blaine	General merchandise	1	2	3
Oct. 15	Bolton, R. E	Capac	Drugs	2	.....	2
Oct. 15	Buckler & Mitchell	Capac	Drugs	3	.....	3
Oct. 15	Lang Bros	Capac	Implements and wagons	2	.....	2
Oct. 15	Lester Store, The	Capac	General merchandise	2	1	3
Oct. 15	Rathsburg & Bower	Capac	Furniture, etc	1	1	2
Sept. 12	Fits, L. H	Lambs	Hardware, etc	2	.....	2
Sept. 12	Griffith, William	Lambs	General merchandise	1	1	2
Aug. 31	Becker Bros	Marine City	General merchandise	3	3	6
Sept. 5	Miller, Jos	Marine City	Dry goods	2	2	4
Sept. 4	Scott Bros	Marine City	Hardware	7	.....	7
Sept. 5	Zimmermann Bros	Marine City	Hardware	4	1	5
Sept. 13	Streeter & Co	Memphis	General merchandise	3	2	5
Aug. 2	Ballentine Dry Goods Co., The	Port Huron	Dry goods, etc	8	33	41
July 26	Bean, John B	Port Huron	Groceries and provisions	6	.....	6
Aug. 3	Beard, Campbell & Co	Port Huron	Hardware	19	3	22
Aug. 12	Bell, John J	Port Huron	Pianos, etc	2	2	4
Aug. 7	Boyce Hardware Co	Port Huron	Hardware	9	2	11
Aug. 3	Brennan Furniture Co., The	Port Huron	Furniture	6	1	7
Aug. 2	Bricker, Chester E	Port Huron	Drugs	6	.....	6
Aug. 28	Bush & Lane Piano Co	Port Huron	Pianos, etc	3	2	5

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	ST. CLAIR CO.—*Con.*					
July 30	Canham, William & Son	Port Huron	Groceries	13	2	15
Aug. 13	Casello, J. & Son	Port Huron	Fruits, etc	2	.....	2
Aug. 1	Central Drug Store	Port Huron	Drugs, etc	1	1	2
Aug. 8	Davidson, J. A. Co., The	Port Huron	General merchandise	11	6	17
Aug. 8	Eichhorn & Hogan	Port Huron	Dry goods	3	5	8
Aug. 7	Forman Shoe Co	Port Huron	Shoes	5	1	6
Aug. 7	Foster Bros	Port Huron	Shoes	6	.....	6
Aug. 2	Fraser, D. A	Port Huron	Clothing	3	.....	3
Aug. 10	Goldman Bros	Port Huron	Junk	9	3	12
Aug. 23	Gray & Son	Port Huron	Shoes	6	.....	6
Aug. 17	Grinnell Bros	Port Huron	Musical supplies	9	4	13
Aug. 7	Hibye, Tony	Port Huron	Fruits, etc	1	2	3
Aug. 21	Higers, L. & Son	Port Huron	Clothing	26	32	58
Aug. 8	Hoffmann, F. M	Port Huron	Jewelry	2	4	6
Aug. 3	Hyde, B. B	Port Huron	Flour and feed	3	.....	3
Aug. 7	Jacobi, Jacob	Port Huron	Clothing	3	.....	3
Aug. 9	Knox Dry Goods Co	Port Huron	Dry goods	4	21	25
Aug. 2	Kresge, S. S. Co	Port Huron	5 and 10c merchandise	3	14	17
Aug. 8	Lohrstorfer, J	Port Huron	Drugs	2	.....	2
Aug. 3	McElroy Shoe Co., The	Port Huron	Shoes	3	2	5
Aug. 7	McIntyre, W. D	Port Huron	Confectionery	1	2	3
Aug. 7	MacTaggart, David Co	Port Huron	Books and stationery	4	2	6
Aug. 2	Mahar, P. H. Shoe Co	Port Huron	Shoes	3	2	5
Aug. 3	Marx Bros	Port Huron	Dry goods	4	2	6
Aug. 3	Meisel Co., The	Port Huron	Dry goods	4	11	15
Aug. 9	National Grocer Co	Port Huron	Groceries	18	2	20
Aug. 15	Parker & Co	Port Huron	Groceries	6	1	7
Aug. 7	Penney, J. C. Co	Port Huron	Dry goods	2	3	5
July 26	Port Huron Cooperative Society	Port Huron	Groceries	3	.....	3
Aug. 3	Rubenstein, A	Port Huron	Clothing	3	1	4
Aug. 20	Runnels, H. E. & Son	Port Huron	Jewelry	3	2	5
Aug. 9	Shields, Geo. A	Port Huron	Groceries	5	2	7
Aug. 6	Smith Bros	Port Huron	Groceries	14	3	17
Aug. 3	Sperry Co., J. B	Port Huron	General merchandise	16	34	50
Aug. 3	Springer & Rose	Port Huron	Clothing	3	1	4
Aug. 8	Sturmer, Chas. A	Port Huron	Hardware	6	3	9
Aug. 28	Sturmer, R. T	Port Huron	Hardware	5	.....	5
Aug. 22	Wagenseil Bros	Port Huron	Men's furnishings	4	.....	4
Aug. 2	Wellman, Chas	Port Huron	Groceries	7	2	9
Aug. 7	Woman's Fashion Shop, The	Port Huron	Ladies' apparel	2	2	4
Aug. 2	Woolworth, F. W. Co	Port Huron	5 and 10c merchandise	3	18	21
Aug. 8	Zakoor, Abraham & Co	Port Huron	Fruits, etc	3	.....	3
Aug. 29	Becker Bros	St. Clair	Shoes, etc	2	.....	2
Aug. 29	Hart, E. S. & Co	St. Clair	Hardware	2	1	3
Aug. 29	Joachim, Jos	St. Clair	Groceries	5	1	6
Aug. 29	Recor & Smith	St. Clair	Hardware, etc	4	.....	4
Aug. 29	Shaw's General Dry Goods Store	St. Clair	Dry goods	3	1	4
Oct. 12	Cochrane, C. S	Yale	General merchandise	1	2	3
Sept. 6	Cogley's, James Sons	Yale	Implements, etc	3	1	4
Sept. 6	Cooper, Emerson	Yale	General merchandise	1	1	2
Oct. 12	Hennessy, H. T	Yale	Drugs	2	.....	2
Oct. 12	Holden, Grant	Yale	Drugs	3	.....	3
Sept. 7	Hutton, John	Yale	Hardware	3	1	4
Oct. 12	McOmber, Geo. E	Yale	General merchandise	2	1	3
Oct. 12	Martin, H. C	Yale	General merchandise	1	1	2
Oct. 12	Mathews & Wright	Yale	Drugs	2	.....	2
Oct. 12	Ramsey Fruit House	Yale	Fruits, etc	1	2	3
Oct. 12	Taylor, Fred	Yale	Groceries	2	.....	2
Sept. 6	Wilt, F. J	Yale	Implements	3	1	4
Oct. 12	Yale Bazaar, The	Yale	Notions	1	2	3
Sept. 7	Yale Market Co	Yale	Groceries	4	1	5

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	ST. JOSEPH COUNTY.					
Dec. 7	Thomas & Son	Centerville	General merchandise	4	6	10
Dec. 8	Kirkwood, C. E. & Co	Constantine	General merchandise	1	2	3
Dec. 8	Lintz, H. E	Constantine	Dry goods	1	2	3
Dec. 8	Vail Department Store, The	Constantine	General merchandise	1	2	3
Dec. 11	Candy Land, The	Sturgis	Confectionery	3	.....	3
Dec. 11	Classen's Hardware	Sturgis	Hardware	3	1	4
Dec. 11	Gardner & Barton	Sturgis	General merchandise	2	2	4
Dec. 11	Hubbard Department Store	Sturgis	General merchandise	1	3	4
Dec. 11	Loetz, Louis F	Sturgis	Groceries	4	1	5
Dec. 11	Michael & Co	Sturgis	Hardware	3	.....	3
Dec. 11	McClain, James	Sturgis	Confectionery	1	2	3
Dec. 11	Sturgis Tea Co	Sturgis	Teas and coffees	4	3	7
Dec. 11	Tribbett, C. W	Sturgis	Dry goods, etc	2	3	5
Dec. 11	Tripp, John & Co	Sturgis	Clothing, etc	3	.....	3
Dec. 7	McAllister, W. M. Co	Three Rivers	Dry goods	1	4	5
Dec. 7	Pauli, The Clothier	Three Rivers	Clothing	3	.....	3
Dec. 7	Schirmeier, Henry F	Three Rivers	Groceries	4	.....	4
Dec. 8	Hutchison, C. C	White Pigeon	Groceries	1	1	2
	SANILAC COUNTY.					
Oct. 30	Benedict, G. M	Applegate	Drugs	1	.....	1
Oct. 30	Hawes, E. E	Applegate	General merchandise	1	1	2
Oct. 30	Murray, Robert	Applegate	General merchandise	1	1	2
Oct. 30	Stecker, J. H	Applegate	General merchandise	2	.....	2
Nov. 7	Brown City Cooperative Co	Brown City	General merchandise	3	3	6
Nov. 7	Kearns Drug Store, The	Brown City	Drugs	1	1	2
Nov. 7	McLeod Bros	Brown City	Drugs	2	.....	2
Nov. 7	Schoenhals Bros	Brown City	General merchandise	2	2	4
Nov. 7	Scott, R. J	Brown City	General merchandise	2	1	3
Nov. 7	Windsor, H. E	Brown City	General merchandise	1	1	2
Nov. 7	Woolley, C. E	Brown City	Drugs	1	.....	1
Oct. 31	Graham, A. W	Carsonville	Clothing, etc	3	.....	3
Oct. 31	McCaren & Co	Carsonville	General merchandise	1	2	3
Oct. 31	McCaren, Mrs. R. J	Carsonville	General merchandise	1	1	2
Oct. 31	Wentworth, L. O	Carsonville	Drugs	2	.....	2
Oct. 27	Dexter, J. W	Croswell	General merchandise	1	1	2
Oct. 27	Graham, A. B. & Co	Croswell	Drugs	2	.....	2
Oct. 20	Jackson, S	Croswell	General merchandise	2	3	5
Oct. 27	McIntyre, J. M. Co	Croswell	Groceries	5	1	6
Oct. 27	Miller & Biller	Croswell	General merchandise	2	2	4
Oct. 27	Rice, H. R	Croswell	General hardware	4	.....	4
Oct. 27	Smyth & Straffon	Croswell	General hardware	2	.....	2
Oct. 27	Stirling Pharmacy, The	Croswell	Drugs	1	1	2
Oct. 27	Straffon Grocery Co	Croswell	Groceries	3	.....	3
Oct. 27	Thumb Clothing Co., Inc., The	Croswell	Clothing	2	.....	2
Nov. 1	Deckerville Cooperative Co	Deckerville	General merchandise	2	3	5
Nov. 1	Forrester & Morden	Deckerville	General merchandise	3	1	4
Nov. 1	Greene, F. H	Deckerville	Drugs	1	1	2
Nov. 1	Hirshberg's, Nathan Department Store	Deckerville	General merchandise	1	3	4
Oct. 31	Peplow, M. P	Deckerville	Clothing	2	.....	2
Nov. 1	Yake, M. J	Deckerville	Jewelry	1	1	2
Nov. 1	Young, S. B	Deckerville	Drugs	2	.....	2
Oct. 29	Fenton, A. W. & Co	Lexington	General merchandise	1	1	2
Oct. 29	Meyer, J. F	Lexington	Hardware	3	.....	3
Nov. 6	Burget, H. C. & Son	Marlette	Hardware	2	.....	2
Nov. 6	Crouter, W. E	Marlette	General merchandise	3	.....	3
Nov. 6	Doyle, C. E	Marlette	General merchandise	2	1	3
Nov. 6	Marlette Mercantile Co	Marlette	General merchandise	3	1	4
Nov. 6	Smith, M. & Son	Marlette	General merchandise	4	2	6
Nov. 6	Rots, C. E	Marlette	General merchandise	2	1	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	SANILAC CO.—*Con.*					
Nov. 12	Minden Cash Department Store	Minden	General merchandise	1	.....	1
Nov. 12	Wahls Mercantile Co	Minden	General merchandise	1	2	3
Nov. 9	Paldi Store	Snover	General merchandise	1	1	2
Nov. 9	Williams Department Store	Snover	General merchandise	2	1	3
Nov. 5	Griggs, Geo. A. & Son	Peck	General merchandise	2	2	4
Nov. 5	Grimes & Waterman	Peck	Farm implements	1	.....	1
Nov. 5	Smalldon, F. W	Peck	General merchandise	2	.....	2
Oct. 31	Corbishley, F. A	Sandusky	Clothing	2	.....	2
Oct. 31	Corbishley Store, The	Sandusky	General merchandise	1	2	3
Oct. 31	Hoffman, H. H	Sandusky	Drugs	2	.....	2
Oct. 31	Moore's Drug Store	Sandusky	Drugs	2	.....	2
Oct. 31	Orr, Clare Estate	Sandusky	Hardware	3	.....	3
Oct. 31	Williams, W. A	Sandusky	General merchandise	3	6	9
	SCHOOLCRAFT COUNTY.					
Jan. 25	Blumrosen, M. & Sons	Manistique	Dry goods, etc	5	7	12
Jan. 25	Carlson, August	Manistique	Groceries	3	.....	3
Jan. 25	Costello, John Estate	Manistique	Groceries	2	2	4
Jan. 25	Hart, Oliver	Manistique	Groceries	3	1	4
Jan. 25	Manistique Produce Co	Manistique	Produce	4	.....	4
Jan. 25	Metropolitan 5 to 50c Store	Manistique	Dry goods and notions	1	3	4
Jan. 25	Middlebrook, W. L	Manistique	Groceries	4	.....	4
Jan. 25	Neville & Neveaux Drug Co	Manistique	Drugs	4	2	6
Jan. 25	Olsen, Aug	Manistique	Groceries	2	.....	2
Jan. 25	People's Store Co	Manistique	General merchandise	12	9	21
Jan. 25	Putnam, A. S. & Co	Manistique	Drugs and jewelry	5	2	7
Jan. 25	Rosenthal, L	Manistique	Dry goods, etc	3	4	7
Jan. 25	Rubin, Robert	Manistique	Men's furnishings	2	.....	2
Jan. 25	Soo 5-10c Stores	Manistique	5 and 10c merchandise	1	3	4
Jan. 25	Winkelman, Moses	Manistique	Dry goods, etc	4	5	9
Jan. 26	Chesbrough, A. M	Thompson	General merchandise	2	.....	2
	SHIAWASSEE COUNTY.					
Sept. 21	Asmer, A. E. Co	Owosso	Groceries and meats	5	1	6
Sept. 21	Capitan Candy Co	Owosso	Candies	4	1	5
Sept. 21	Chicago Clothing Store	Owosso	Clothing	1	1	2
Sept. 20	Christian, D. M. Co., The	Owosso	General merchandise	13	51	64
Sept. 21	Dumond's Store	Owosso	Books	1	2	3
Sept. 20	Evans Ice Cream Parlor	Owosso	Confectionery, etc	1	1	2
Sept. 21	Ferris Bros	Owosso	Clothing	4	8	12
Sept. 20	Foster Co., The	Owosso	Hardware and furniture	3	1	4
Sept. 20	Grinnell Bros	Owosso	Musical supplies	2	1	3
Sept. 20	Hall, W. E. & Son	Owosso	General merchandise	4	4	8
Sept. 21	Herrick, M. A	Owosso	Flowers	1	1	2
Sept. 21	Kaufman, A	Owosso	Women's apparel	1	2	3
Sept. 20	Lawrence, Chas. A	Owosso	General merchandise	7	9	16
Sept. 21	Lyon & Son	Owosso	General merchandise	3	4	7
Sept. 21	Osburn & Sons	Owosso	Dry goods	9	16	25
Sept. 21	Robinson, C. Z. & Co	Owosso	Dry goods	1	4	5
Sept. 20	Shattuck Music House	Owosso	Pianos, etc	1	1	2
Sept. 21	Ward, Arthur Co., The	Owosso	Furniture, hardware, etc	9	1	10
Sept. 20	Woolworth, F. W. Co	Owosso	5 and 10c merchandise	2	9	11
Nov. 15	Cottrell, J. L	Perry	General merchandise	2	1	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	TUSCOLA COUNTY.					
Sept. 1	Calbeck, W. A. & Co	Caro	Boots and shoes	2	.....	2
Sept. 1	Eastham, John	Caro	Dry goods	1	1	2
Sept. 12	Hudson's Bazaar	Caro	Novelty goods	1	2	3
Jan. 7	Joslin, M. A	Caro	Merchandise	2	4	6
Sept. 1	Moore, George H	Caro	Drugs	2	.....	2
Sept. 8	Spaulding, E. O. & Son	Caro	General merchandise	4	10	14
Sept. 1	Star Clothing House	Caro	Clothing	3	.....	3
Sept. 8	VanTine, G. N	Caro	Coal and feed	4	.....	4
Sept. 4	Wallis, William F	Caro	General merchandise	1	2	3
Sept. 1	Watrous Hardware Co	Caro	Hardware	3	.....	3
Sept. 4	Webb Bros	Caro	General merchandise	3	.....	3
Sept. 4	Zemke Bros	Caro	Dry goods	5	12	17
Sept. 7	Bearss, B. T	Fostoria	Jewelry	2	.....	2
Sept. 7	Boulton & Bell	Fostoria	General merchandise	2	1	3
Sept. 7	Preston & Collins	Fostoria	General merchandise	3	.....	3
Sept. 7	Tompkins, Geo. H	Fostoria	General merchandise	2	.....	2
Sept. 7	Tompkins, Noah	Fostoria	General merchandise	3	.....	3
Sept. 5	Dutcher, F. E	Kingston	Hardware	3	.....	3
Sept. 6	Erb Mercantile Co	Mayville	General merchandise	3	2	5
Sept. 5	Hartt, Mrs. M. E	Wilmot	General merchandise	1	1	2
	VAN BUREN COUNTY.					
Oct. 16	DeHaven, Levi & Sons	Bangor	General merchandise	6	2	8
Nov. 3	Karsten Drug Co	Bangor	Drugs	2	.....	2
Oct. 16	Leader, The	Bangor	General merchandise	4	2	6
Oct. 16	Ryan, James P	Bangor	General merchandise	5	4	9
Oct. 16	Yates, J. A	Bangor	Groceries	2	.....	2
Oct. 30	Harrison & Spayde	Bloomingdale	General merchandise	3	.....	3
Oct. 30	Merrifield, E. J	Bloomingdale	Hardware	6	.....	6
Oct. 30	Trim & Hodgman Co	Bloomingdale	General merchandise	3	1	4
Oct. 17	Gunsaul, Chas	Covert	Hardware	2	.....	2
Oct. 17	Spelman, J. R. & Co	Covert	General merchandise	3	2	5
Nov. 5	Durkee, B. K	Decatur	Dry goods and shoes	2	1	3
Nov. 5	Mosier, F. L	Decatur	Dry goods	2	1	3
Nov. 5	Wood, W. A	Decatur	Hardware	4	.....	4
Nov. 5	Brooks & Propp	Dowagiac	General merchandise	2	2	4
Oct. 29	Frank Co., The	Gobleville	Dry goods and clothing	2	3	5
Oct. 29	Myers Bros	Gobleville	General merchandise	3	1	4
Oct. 23	Eagan, Frank L	Hartford	Groceries	1	1	2
Oct. 23	Hubbard, F. W	Hartford	General merchandise	3	2	5
Oct. 16	Hurlbut, F. W. & Co	Hartford	5 and 10c merchandise	2	1	3
Oct. 16	Knapp & Co	Hartford	Groceries and crockery	2	1	3
Oct. 23	Ocobock, G. W	Hartford	Dry goods	1	1	2
Oct. 16	Olds, C. D. & Sons	Hartford	Groceries	2	1	3
Oct. 16	Perry, A. Z	Hartford	Groceries	2	1	3
Oct. 16	Warren, Frank F	Hartford	Dry goods	1	1	2
Oct. 16	Woods' Bargain Store	Hartford	General merchandise	1	1	2
Nov. 2	Lawrence Cooperative Co	Lawrence	General merchandise	4	.....	4
Nov. 2	Avery, F. R	Paw Paw	Dry goods	2	4	6
Nov. 1	Cooley & Co	Paw Paw	Groceries and shoes	3	.....	3
Nov. 2	Longwell Bros	Paw Paw	Drugs and groceries	3	.....	3
Nov. 2	O'Grady Bros. Co	Paw Paw	Clothing, etc	2	.....	2
Nov. 2	Paw Paw Drug Co	Paw Paw	Drugs	2	.....	2
Nov. 2	Paw Paw 5-10-25c Store	Paw Paw	Notions, 5-10-25c Mdse	1	2	3
Nov. 2	Ready, J. D	Paw Paw	Dry goods	2	4	6
Oct. 26	Abell, Chas. E	South Haven	Drugs	5	4	9
Oct. 26	Hale, M. Co	South Haven	General merchandise	13	9	22
Oct. 26	Malbone Hardware Co	South Haven	Hardware	3	.....	3
Oct. 26	Mason, W. B. & Son	South Haven	Dry goods	2	1	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WASHTENAW COUNTY.					
Aug. 8	Allen, N. F. Co	Ann Arbor	Clothing	4	.....	4
Aug. 16	Allmand & Forsythe	Ann Arbor	Shoes	3	.....	3
Aug. 16	Allmendinger Music Shop	Ann Arbor	Musical supplies	2	2	4
Aug. 9	Arnold & Co	Ann Arbor	Jewelry	7	2	9
Aug. 23	Basso, Albert	Ann Arbor	Fruits	2	1	3
Aug. 16	Bens Bros	Ann Arbor	Hardware	8	.....	8
Aug. 16	Bigalke & Reule	Ann Arbor	Groceries	2	.....	2
July 28	Brown, F. W. Book Co	Ann Arbor	Books and stationery	2	.....	2
Aug. 16	Buckley's Coffee Ranch	Ann Arbor	Teas and coffees	2	.....	2
Sept. 1	Calkins Drug Co	Ann Arbor	Drugs	7	1	8
Aug. 9	Carras, George	Ann Arbor	Cigars	2	.....	2
Aug. 9	Chapman, J. S	Ann Arbor	Jewelry	2	.....	2
Sept. 7	City Cigar Store	Ann Arbor	Cigars	2	.....	2
Aug. 16	Corbett, Tom	Ann Arbor	Clothing	3	.....	3
July 27	Crippen, A. E	Ann Arbor	Drugs	3	.....	3
Aug. 9	Davis Store, The	Ann Arbor	Shoes, etc	2	.....	2
July 27	Dean & Co., Ltd	Ann Arbor	Groceries, etc	17	1	18
Aug. 16	Eberbach & Son Co	Ann Arbor	Drugs	11	2	13
July 28	Edsill, E. C	Ann Arbor	Drugs	3	.....	3
Aug. 31	Edwards Bros	Ann Arbor	Typewriting, etc	1	9	10
Aug. 31	Ehnis, H. G	Ann Arbor	Shoes and harness	2	.....	2
Aug. 31	Eibler, J. B	Ann Arbor	Jewelry	3	.....	3
Aug. 9	Fischer, Jno. C. Co	Ann Arbor	Hardware	16	1	17
Aug. 16	Fischer Pharmacy	Ann Arbor	Drugs	3	.....	3
Aug. 31	Fogerty, Emma B	Ann Arbor	Hats	.....	3	3
Aug. 8	Goetz, W. & Son	Ann Arbor	Groceries	7	.....	7
Aug. 9	Goodyear Drug Co	Ann Arbor	Drugs, etc	4	.....	4
July 27	Goodyear, Wm. & Co	Ann Arbor	Dry goods	6	9	15
Aug. 31	Grennan, D. E	Ann Arbor	Men's furnishings	2	.....	2
July 28	Grinnell Bros	Ann Arbor	Musical supplies	5	4	9
Aug. 17	Gross & Dietzel	Ann Arbor	Shoes, etc	3	.....	3
Aug. 8	Gross, Fred W	Ann Arbor	Clothing	1	.....	1
Aug. 31	Haarer's Bookstore	Ann Arbor	Books, etc	2	.....	2
Aug. 30	Haas, D. C	Ann Arbor	Groceries	3	.....	3
Aug. 31	Hagen, H. J	Ann Arbor	Clothing and shoes	3	.....	3
Aug. 16	Haller, Martin	Ann Arbor	Furniture and rugs	8	1	9
Sept. 6	Helber, L. C	Ann Arbor	Groceries	2	.....	2
Aug. 23	Herrick & Bohnet	Ann Arbor	Groceries	3	.....	3
Aug. 31	Hertler Bros	Ann Arbor	Hardware	2	.....	2
Aug. 16	Herz, Oswald A	Ann Arbor	Paints and oils	17	1	18
Aug. 16	Hoag, E. G	Ann Arbor	Notions	3	4	7
Aug. 9	Hoffstetter, R. J	Ann Arbor	Shoes	3	1	4
Aug. 23	Kittredge, C. H	Ann Arbor	Electric supplies	9	.....	9
Aug. 8	Koch & Henne	Ann Arbor	Furniture	5	1	6
July 28	Kresge, S. S. Co	Ann Arbor	5 and 10c merchandise	4	20	24
Aug. 31	Kuehnle & Meyer	Ann Arbor	Hardware	3	.....	3
Sept. 7	Kyer, Geo. W	Ann Arbor	Furnishings	5	3	8
Sept. 5	Lamb & Spencer Store, The	Ann Arbor	Groceries	7	1	8
July 27	Levy, Abraham	Ann Arbor	Shoes	1	.....	1
Aug. 8	Lindenschmitt, Affel & Co	Ann Arbor	Clothing	7	.....	7
Aug. 17	Lutz, Albert S	Ann Arbor	Shoes	2	1	3
Sept. 7	Lyndon, A. S	Ann Arbor	Art goods	2	1	3
Sept. 7	MacGregor, John	Ann Arbor	Groceries	3	1	4
Aug. 9	Mack & Co	Ann Arbor	Dry goods	56	96	152
Aug. 31	Malcolm, J. Karl	Ann Arbor	Tailoring	2	.....	2
Aug. 23	Malloy, D. J	Ann Arbor	Harness	2	.....	2
Aug. 8	Mann's Drug Store	Ann Arbor	Drugs	4	.....	4
July 28	Mayer-Schairer Co., The	Ann Arbor	Stationery	11	6	17
July 28	Miller, Geo. H	Ann Arbor	Boots, etc	1	.....	1
Aug. 7	Michel Bros	Ann Arbor	Confectionery	2	.....	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WASHTENAW CO.—*Con.*					
Aug. 17	Michigan Coffee Roaster	Ann Arbor	Teas, coffees, etc	2	.....	2
July 28	Miles Grocery	Ann Arbor	Groceries	4	1	5
Aug. 8	Millspaugh, Geo. W. & Son	Ann Arbor	Groceries	2	.....	2
July 28	Muehlig, B. E	Ann Arbor	Dry goods	6	11	17
Aug. 8	Muehlig & Schmid	Ann Arbor	Hardware	10	1	11
Aug. 16	Mummery, A. E	Ann Arbor	Drugs	2	.....	2
Aug. 16	Niethammer, J. F	Ann Arbor	Groceries	3	.....	3
Sept. 5	Pardon, O. E	Ann Arbor	Groceries	2	.....	2
Aug. 16	Pierce's Cash Grocery	Ann Arbor	Groceries	5	1	6
Aug. 5	Postorino, Mrs. R	Ann Arbor	Confectionery	.....	5	5
Aug. 31	Prochnow, D. C	Ann Arbor	Groceries	4	.....	4
Aug. 16	Purfield, Wm. P	Ann Arbor	Shoes	3	.....	3
Sept. 7	Quarry Drug Co	Ann Arbor	Drugs	4	.....	4
Aug. 17	Randall Studios	Ann Arbor	Photographs	2	2	4
July 28	Reule, Conlin Fiegel Co	Ann Arbor	Clothing	5	.....	5
Aug. 16	Schlanderer & Seyfried	Ann Arbor	Jewelry	3	.....	3
Aug. 31	Schlenker, Christian	Ann Arbor	Hardware	5	.....	5
Sept. 7	Schults Bros	Ann Arbor	Groceries	3	1	4
Aug. 8	Schumacher Hardware Co	Ann Arbor	Hardware	11	.....	11
July 27	Shaw Grocery Co	Ann Arbor	Groceries	4	.....	4
Sept. 7	Sheehan & Co	Ann Arbor	Stationery, etc	2	1	3
Aug. 10	Singer Sewing Machine Co	Ann Arbor	Sewing machines	1	1	2
Aug. 23	Smith, R. J	Ann Arbor	Groceries	3	.....	3
Aug. 31	Smith, R. J	Ann Arbor	Groceries	2	.....	2
Aug. 31	Stanger Furniture Co	Ann Arbor	Furniture	9	.....	9
Aug. 15	Staebler & Co	Ann Arbor	Groceries	7	1	8
July 27	Sweet, C. J	Ann Arbor	Cigars and tobacco	4	.....	4
Aug. 16	Swisher Grocer Co	Ann Arbor	Candy, etc	2	.....	2
Aug. 31	Switzer, H. L. Co	Ann Arbor	Hardware	2	.....	2
Aug. 8	Theurer & Walker	Ann Arbor	Groceries	3	.....	3
Aug. 9	Trubey, J. A	Ann Arbor	Confectionery	2	5	7
Sept. 6	University Music House	Ann Arbor	Musical supplies	4	3	7
Aug. 9	Wadhams & Co	Ann Arbor	Clothing	8	.....	8
Sept. 7	Wagner & Co	Ann Arbor	Men's furnishings	5	1	6
July 27	Wahr's, George Book Store	Ann Arbor	Books and stationery	8	5	13
July 28	Wahr's Shoe Store	Ann Arbor	Shoes	3	.....	3
Aug. 8	Walker, Alfred G	Ann Arbor	Drugs	2	.....	2
Aug. 8	Ward Company	Ann Arbor	Tailoring	1	.....	1
Aug. 16	Wenzel, L. E	Ann Arbor	Paints, etc	11	.....	11
Aug. 8	Wilkinson, F. W	Ann Arbor	New and second hand goods	4	.....	4
July 27	Woolworth, F. W. Co	Ann Arbor	5 and 10c merchandise	1	11	12
Aug. 17	Wuerth, Chas. & Co	Ann Arbor	Furniture, etc	2	1	3
Aug. 8	Wuerth, J. F. & Co	Ann Arbor	Clothing	4	1	5
Aug. 8	Ziefle & Nissle	Ann Arbor	Shoes	2	.....	2
July 13	Kern, W. D	Bridgewater	General merchandise	1	1	2
July 13	Pardee, M. J. Bros	Bridgewater	Hardware	2	.....	2
Aug. 27	American Ice Cream Parlor	Chelsea	Confectionery	1	2	3
Aug. 30	Chelsea Hardware Co	Chelsea	Hardware	4	.....	4
Aug. 29	Dancer Bros	Chelsea	Clothing	2	.....	2
Aug. 30	Farrell, John & Co	Chelsea	Groceries	3	1	4
Aug. 30	Fenn, Henry H. Co	Chelsea	Drugs	2	1	3
Aug. 29	Freeman & Runciman	Chelsea	Groceries and drugs	3	4	7
Aug. 30	Gallagher's Bazaar	Chelsea	Notions	1	2	3
Aug. 30	Hindelang & Fahrner	Chelsea	Hardware	3	.....	3
Aug. 30	Holmes & Walker	Chelsea	Hardware	4	1	5
Aug. 29	Kantlehner, Walter F	Chelsea	Jewelry	1	.....	1
Aug. 30	Schenk, W. P. & Co	Chelsea	General merchandise	6	4	10
Aug. 30	Schneider, Oscar D	Chelsea	Groceries	2	1	3
Aug. 30	Steinbach, Chas	Chelsea	Harness	2	.....	2
Aug. 29	Sugar Bowl, The	Chelsea	Confectionery, etc	3	1	4

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WASHTENAW CO.—*Con.*					
Aug. 29	Vogel & Wurster	Chelsea	General merchandise	4	7	11
Aug. 30	Vogel, L. P	Chelsea	Drugs and groceries	2	1	3
Aug. 29	Walworth & Strieter	Chelsea	Men's furnishings	2	.....	2
Aug. 28	Alley & Son	Dexter	Dry goods	2	1	3
Aug. 28	Baughman, C. L	Dexter	Hardware	1	.....	1
Aug. 24	Connor, Geo	Dexter	Confectionery	1	1	2
Aug. 28	Dexter Pharmacy, The	Dexter	Drugs	2	.....	2
Aug. 28	Farleigh, J. M	Dexter	Cigars	2	.....	2
Aug. 28	Fitzsimons, R. & Co	Dexter	General merchandise	1	1	2
Aug. 28	Henes, Herman	Dexter	Groceries	4	.....	4
Aug. 28	Jedele, Norman	Dexter	Groceries and shoes	2	.....	2
Aug. 28	Lawrence's Department Store	Dexter	General merchandise	1	1	2
Aug. 28	Quish & Pratt	Dexter	Hardware	5	1	6
Aug. 28	Schall, H. W	Dexter	Drugs	2	.....	2
July 13	Breitenwischer, G. H	Manchester	General merchandise	3	2	5
July 13	Conklin, R. G	Manchester	General merchandise	1	1	2
July 13	Delken, J. H	Manchester	Groceries	1	.....	1
July 13	Dienelhane & Davidter	Manchester	Hardware	4	.....	4
July 13	Haeussler, G. J. & Son	Manchester	Drugs, paints, etc	3	.....	3
July 13	Houck, F. G	Manchester	Hardware	3	.....	3
July 13	Johnson, Geo. P	Manchester	Confectionery	2	.....	2
July 12	Jenter, E. C	Manchester	Furniture	2	.....	2
July 13	Manchester Sample Clothing Store	Manchester	Clothing	1	.....	1
July 13	Pace, Sam	Manchester	Fruits, etc	1	.....	1
July 13	Schaible, J. Fred	Manchester	Groceries	1	1	2
July 13	Seckinger, C. H	Manchester	Groceries and baked goods	4	2	6
July 13	Seckinger, J. E	Manchester	Groceries	1	2	3
July 13	Snowman, Alfred A	Manchester	Drugs and stationery	2	.....	2
July 12	Widmayer, Fred	Manchester	Hardware	2	.....	2
July 13	Wuerthner Bros	Manchester	Clothing	3	.....	3
July 13	Yocum, Marx & Co	Manchester	Dry goods	6	2	8
July 6	Arnot, Geo	Milan	Groceries	2	.....	2
July 8	Bay, C. F	Milan	Jewelry	2	.....	2
July 6	Blackmer, Edward	Milan	Furniture	1	.....	1
July 7	Benge Department Store	Milan	Dry goods, etc	3	5	8
July 6	Benge Variety Store	Milan	Notions	1	1	2
July 6	Blackmer, Webb	Milan	Groceries	1	.....	1
July 6	Chapin, C. R. Co	Milan	Dry goods	2	2	4
July 7	Forsyth & Lee	Milan	Farm implements	2	.....	2
July 7	Gauntlett & Gauntlett	Milan	Clothing	2	.....	2
July 6	Gay, W. H	Milan	General merchandise	1	1	2
July 6	Hasley, F. G. Implement Co	Milan	Implements and harness	7	.....	7
July 6	Hyzer & Matthews	Milan	Drugs and books	2	.....	2
July 7	Miller, F. M	Milan	Drugs	3	1	4
July 7	Minto Co., The	Milan	Men's clothing	1	1	2
July 7	Munzey, E. D. & Co	Milan	Hardware	4	.....	4
July 6	Phillips, Millard	Milan	Jewelry	1	.....	1
July 6	Throop Bros	Milan	Groceries	1	.....	1
July 7	Saks, Joe & Co	Milan	Dry goods	2	2	4
July 6	Sanford Hardware Co	Milan	Hardware	5	.....	5
July 6	Star Grocery, The	Milan	Groceries	3	2	5
July 7	Steidle, C. W	Milan	Shoes	4	.....	4
July 6	Whitmarsh, W. H. & Co	Milan	Groceries	2	.....	2
July 13	Burkhart Bros	Saline	General merchandise	2	1	3
July 13	Cotton, S. Y	Saline	General merchandise	2	1	3
July 13	Derendinger, Bert	Saline	Cigars	1	.....	1
July 13	Dietiker, W. E	Saline	Furniture	1	.....	1
July 14	Economy Variety Store	Saline	Notions	1	1	2
July 13	Fuoss, Martin	Saline	Groceries	3	.....	3
July 14	Henne, Edward	Saline	Hardware	2	.....	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WASHTENAW Co.—*Con.*					
July 14	Muir & Gross	Saline	Hardware	7	.....	7
July 13	Mummery, A. E. A	Saline	Drugs	1	1	2
July 14	Nissly, W. F	Saline	Dry goods	2	1	3
July 13	Parsons, G. L	Saline	Men's furnishings	2	.....	2
July 14	Pompus, Wm	Saline	Confectionery	1	1	2
July 13	Schmid, Fred	Saline	Groceries	2	.....	2
July 14	Sturm, W. L	Saline	Harness	1	.....	1
July 13	Wheeler, O. C	Saline	Drugs	1	1	2
July 17	Baker, O. C	Ypsilanti	Notions	.....	2	2
July 16	Burkheiser & Fletcher	Ypsilanti	Clothing	4	.....	4
Aug. 20	Burkheiser, Mrs. John P	Ypsilanti	Groceries	.....	3	3
July 17	Cadaret, J. W	Ypsilanti	Groceries	3	2	5
July 16	Clarke Bros	Ypsilanti	Furniture	5	.....	5
July 16	Comstock, C. O. Dry Goods Co	Ypsilanti	Dry goods	3	5	8
July 16	Corbett & Morrison	Ypsilanti	Groceries	2	.....	2
July 18	Crane, C. H	Ypsilanti	Groceries	4	.....	4
July 19	Davis & Co	Ypsilanti	Groceries and dry goods	5	2	7
July 16	Davis & Kishlor	Ypsilanti	Dry goods	3	8	11
July 17	Dawson, Martin Co	Ypsilanti	Seeds and grain	5	1	6
July 17	Dewitt, F. E. Boot Shop	Ypsilanti	Shoes	2	.....	2
July 16	Dunlap & Son	Ypsilanti	Groceries	8	2	10
July 21	Foerster, L. K	Ypsilanti	Hardware	3	.....	3
July 18	Gilmore, H. A	Ypsilanti	Paint and paper	6	1	7
July 16	Goodsman, John	Ypsilanti	Ice cream	1	.....	1
July 18	Gordon, Max	Ypsilanti	Men's furnishings	2	.....	2
July 16	Grinnell Bros	Ypsilanti	Pianos	3	2	5
July 16	Haig Pharmacy	Ypsilanti	Drugs	4	.....	4
July 18	Hall, W. H	Ypsilanti	Harness	2	.....	2
July 17	Hutchins, H. & Co	Ypsilanti	5 and 10c merchandise	2	5	7
July 17	Keavy, Mrs. Emily H	Ypsilanti	Notions	.....	2	2
July 19	Kilian, R. H	Ypsilanti	Drugs, paints, etc	2	.....	2
July 17	Lamb, J. G. & Son	Ypsilanti	Groceries	8	4	12
July 17	Leas, A. E	Ypsilanti	Shoes	2	.....	2
July 16	MacAllister Drug Co	Ypsilanti	Drugs	3	.....	3
July 17	Mack & Mack	Ypsilanti	Furniture	3	.....	3
July 18	Mallion & Horn	Ypsilanti	General repairing	2	.....	2
July 16	Miller, Joe	Ypsilanti	Jewelry	2	.....	2
July 17	Moore, J. E	Ypsilanti	Furniture	1	.....	1
July 17	Nissly, Fred H	Ypsilanti	Notions	1	2	3
July 16	Nissly, Webb & Maus	Ypsilanti	Dry goods, etc	3	3	6
July 17	Porter, W. D	Ypsilanti	Fruits, etc	1	.....	1
July 17	Schill, E. R	Ypsilanti	Leather and rubber goods	2	.....	2
July 18	Schaefer Hardware Co	Ypsilanti	Hardware	6	1	7
July 16	Shaefer Hardware Co	Ypsilanti	Hardware	3	1	4
July 16	Sherwood, P. C. & Son	Ypsilanti	Shoes	2	.....	2
July 16	Smith Bros	Ypsilanti	Drugs	2	.....	2
July 16	Smith, Frank	Ypsilanti	Drugs and books	2	1	3
July 16	Sullivan-Cook Co	Ypsilanti	Clothing	4	.....	4
July 16	Sweet, W. H. & Sons	Ypsilanti	Dry goods	1	4	5
July 16	Weinmann-Matthews Co	Ypsilanti	Drugs	4	.....	4
July 17	Whitney, R. J	Ypsilanti	Cigars and tobacco	2	.....	2
July 16	Williams, C. R	Ypsilanti	Shoes	3	.....	3
July 16	Worthy, C. S. Co	Ypsilanti	Clothing, etc	5	.....	5
July 17	Ypsilanti Grocery Co	Ypsilanti	Groceries	3	1	4

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WAYNE COUNTY.					
July 26	Abram, A.	Detroit	Groceries	2	2	4
June 22	Adams, C. F. Co	Detroit	Furniture and clothing	26	6	32
Nov. 5	Aetone Sweets	Detroit	Confectionery	.....	3	3
July 19	Ainsworth, Ralph Co	Detroit	Wholesale shoes	7	2	9
June 11	Alexander, E. W. & Co	Detroit	Umbrellas	2	5	7
May 9	American Pop Corn Co	Detroit	Pop corn	2	1	3
Sept. 15	American Tea Co	Detroit	Teas	1	1	2
July 11	Andrews Bros	Detroit	Wholesale fruits	10	3	13
Nov. 13	Arata, E	Detroit	Confectionery	.....	1	1
Sept. 7	Arcadia Sweets Co	Detroit	Confectionery	.....	3	3
Aug. 15	Asken & Marine	Detroit	Clothing	3	2	5
Sept. 7	Atlantic & Pacific Tea & Coffee Co	Detroit	Teas and coffees	2	1	3
May 29	Atlantic & Pacific Tea & Coffee Co	Detroit	Provisions	1	1	2
May 21	Auto City Candy Co	Detroit	Confectionery	2	3	5
Oct. 17	Barlum, Thos. & Sons Co	Detroit	Meats	15	1	16
July 19	Barnett's Bazaar	Detroit	Dry goods	1	1	2
Sept. 5	Barry & Barry	Detroit	Confectionery	2	2	4
July 13	Bartush Bros	Detroit	Groceries	5	.....	5
July 26	Basso, A	Detroit	Confectionery	1	3	4
May 9	Bauer, Edward	Detroit	Dry goods	2	4	6
May 25	Baumgartner's Fashion Shop	Detroit	Men's clothing	35	7	42
July 13	Bayley Music House	Detroit	Phonographs, etc	3	2	5
May 18	Beals, Selkirk Co	Detroit	Trunks, etc	3	1	4
Aug. 3	Beard Bros	Detroit	Flowers	1	2	3
Sept. 4	Beck's Smart Shop	Detroit	Ladies' wear	2	4	6
Nov. 23	Bedell, Walter E	Detroit	Ladies' wear	2	2	4
July 19	Beecher, Peck & Lewis	Detroit	Paper, stationery, etc	112	8	120
Aug. 10	Belle, A. G. & Co	Detroit	Groceries	6	3	9
July 13	Bentlif & Dupont	Detroit	Art goods	1	4	5
Aug. 3	Berkowits, I	Detroit	Dry goods	1	1	2
Sept. 14	Berry, T. H. & Son	Detroit	Rugs	9	.....	9
June 8	Bertram Bros	Detroit	Drugs	12	3	15
June 8	Bertram Bros	Detroit	Drugs	7	.....	7
May 14	Bigsby, E. M. Co., The	Detroit	Women's apparel	8	45	53
Sept. 4	Bird's Cigar Store	Detroit	Cigars	1	2	3
June 22	Bird, S. L. & Sons	Detroit	Men's furnishings	118	40	158
May 17	Black, L. Co	Detroit	Jewelry, etc	13	20	33
May 21	Bleasby Bros	Detroit	Gifts	2	3	5
July 12	Bleasby Gift Shop	Detroit	Gifts and toys	1	2	3
Sept. 6	Blessed, John & Son	Detroit	Groceries and meats	40	7	47
July 6	Blumenau, A. J	Detroit	Dry goods	3	4	7
July 25	Blumenthal, Sam & Son	Detroit	General merchandise	5	5	10
Aug. 8	Bock Bakery	Detroit	Baked goods	1	2	3
Aug. 8	Bock Bakery	Detroit	Baked goods	1	4	5
June 12	Bonish, I. A	Detroit	Photographic supplies	2	2	4
Sept. 14	Boston Bargain Store, The	Detroit	Dry goods	2	1	3
May 15	Bradley Bros	Detroit	Wholesale notions	13	3	16
Aug. 13	Braun, Geo. M	Detroit	Dry goods	.....	1	1
July 11	Breakey, J	Detroit	Confectionery	.....	4	4
July 2	Breitmeyer, John & Sons	Detroit	Flowers	11	7	18
June 12	Brennan Feather Co	Detroit	Feather novelties	1	8	9
May 9	Brin Specialty Shoe Shop	Detroit	Shoes	4	.....	4
Aug. 2	Brushaber, J	Detroit	Furniture	55	10	65
July 19	Bryant, Lane	Detroit	Women's apparel	4	27	31
Nov. 9	Buettner, F. W	Detroit	Dry goods	1	2	3
Jan. 20	Buhl Sons Co	Detroit	Hardware	214	45	259
Aug. 1	Bullock-Green Hardware Co	Detroit	Hardware	28	2	30
Aug. 15	Burns, A. E. & Co	Detroit	Shoes	10	1	11
July 25	Bussell & Forsler	Detroit	Drugs, etc	1	2	3
July 25	Bussell & Forsler	Detroit	Drugs, etc	1	2	3

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WASHTENAW CO.—*Con.*					
July 25	Bussell & Forsler	Detroit	Drugs, etc	1	3	4
June 14	Cadillac Credit Clothing Co	Detroit	Clothing	3	2	5
July 10	Campbell, M. J	Detroit	Candy	2	2	4
July 13	Campbell, N. D	Detroit	Furniture	8	2	10
July 10	Canton, W. E. Co	Detroit	Men's furnishings	4	1	5
Sept. 4	Carey, The Florist	Detroit	Flowers	2	2	4
July 19	Carroll & Co	Detroit	Notions	1	1	2
May 19	Carron & Co	Detroit	Men's clothing	5	.....	5
July 13	Carter, W. J	Detroit	Groceries	2	1	3
May 22	Central Drug Co	Detroit	Drugs	23	19	42
June 19	Central Paint & Varnish Co	Detroit	Paints, etc	16	6	22
June 14	Champion Clothes Shop	Detroit	Men's clothing	2	1	3
Aug. 8	Chene Market	Detroit	Groceries and meats	10	1	11
July 24	Children's Shop, The	Detroit	Children's clothing	.....	10	10
Oct. 30	Chinese Emporium	Detroit	Art goods	3	2	5
July 6	Christo, S	Detroit	Confectionery	1	2	3
July 23	Christopher Studios	Detroit	Lamps and shades	.....	4	4
Aug. 1	Clare, W. J	Detroit	Notions	.....	3	3
Aug. 16	Clark's	Detroit	Confectionery	.....	2	2
May 25	Clayton, F. G. Co	Detroit	Men's wearing apparel	117	18	135
Aug. 2	Clements, G. W. Co	Detroit	Dry goods	2	2	4
July 13	Clos, Fred J	Detroit	Dry goods	1	1	2
Aug. 2	Cobey, Arthur	Detroit	Flowers	1	1	2
May 9	Common, Alex	Detroit	Flowers	2	1	3
Aug. 16	Commercial Electric Supply Co	Detroit	Electric supplies	20	6	26
Aug. 3	Community Grocers	Detroit	Groceries	5	1	6
Oct. 22	Community Grocers	Detroit	Groceries	3	1	4
July 19	Connolly, Hugh & Son	Detroit	Jewelry	9	10	19
July 11	Cordan Candy Co	Detroit	Confectionery	3	1	4
June 6	Cornfield, Jos	Detroit	Jewelry	2	1	3
July 11	Corona Co	Detroit	Cigars	3	.....	3
May 31	Crowley Bros	Detroit	Dry goods	26	4	30
May 4	Crowley-Milner & Co	Detroit	General merchandise	482	946	1,428
Dec. 3	Cueny's Dry Goods Co	Detroit	Dry goods	.....	3	3
May 15	Curts, J. A	Detroit	Confectionery	2	1	3
Sept. 4	Cutler Bros	Detroit	Novelties	2	2	4
Aug. 8	Davis 5 and 10c Store	Detroit	5 and 10c merchandise	.....	3	3
Aug. 8	Davis 5 and 10c Store	Detroit	5 and 10c merchandise	.....	5	5
Aug. 8	Davis 5 and 10c Store	Detroit	5 and 10c merchandise	.....	5	5
Aug. 8	Davis 5 and 10c Store	Detroit	5 and 10c merchandise	3	4	7
Aug. 7	Davis 5 and 10c Store	Detroit	5 and 10c merchandise	.....	3	3
Aug. 10	Dederich, C. E	Detroit	Men's wear	3	.....	3
June 6	Deinel Linen Mesh Co	Detroit	Underwear	2	1	3
June 11	DeLoye's Lace Store	Detroit	Laces and trimmings	.....	7	7
July 16	DeLuxe 5 and 10c Store	Detroit	5 and 10c merchandise	.....	2	2
Nov. 12	DeLuxe Garments	Detroit	Ladies' garments	.....	2	2
Oct. 30	Demos Bros	Detroit	Groceries and meats	2	1	3
May 18	Dennen's Book Shop	Detroit	Books, etc	3	5	8
June 6	Dernnery & Co	Detroit	Dry goods	5	17	22
July 16	Detroit Drug Co	Detroit	Drugs	6	1	7
June 18	Detroit Lighting Fixture Co	Detroit	Electric chandeliers	10	2	12
July 16	Detroit Mantel & Tile Co	Detroit	Mantels and fixtures	10	3	13
Oct. 22	Detroit News Co., The	Detroit	Newspapers, etc	32	17	49
June 13	Detroit Safe Co	Detroit	Safes	9	1	10
July 16	Detroit Sugar Bowl	Detroit	Confectionery	1	1	2
June 13	Detroit Typewriter Co	Detroit	Typewriters	10	3	13
July 27	Detroit Wall Paint Co	Detroit	Paints	2	1	3
May 10	Dickerson & Co	Detroit	Hats	5	1	6
Sept. 14	Doemer, A. & Son	Detroit	Confectionery	2	1	3
June 14	Doran, Henry S. Co	Detroit	Musical instruments	3	4	7

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WAYNE CO.—*Con.*					
May 9	Douglas, W. L. Shoe Co	Detroit	Shoes	6	1	7
May 9	Douglas, W. L. Shoe Co	Detroit	Shoes	8	1	9
May 9	Douglas, W. L. Shoe Co	Detroit	Shoes	3	.....	3
May 9	Douglas, W. L. Shoe Co	Detroit	Shoes	11	1	12
May 9	Douglas, W. L. Shoe Co	Detroit	Shoes	6	1	7
June 4	Douglas, W. L. Shoe Co	Detroit	Shoes	7	1	8
June 15	Dutton, Andrew Co., The	Detroit	Upholstering	7	3	10
May 9	Dutton, C. E	Detroit	Drugs	3	.....	3
Aug. 10	Dwight, R. A. Co	Detroit	Hardware	6	1	7
July 26	Eastman Drug Co	Detroit	Drugs	5	.....	5
July 11	Eastern Market Tea & Coffee Co	Detroit	Coffees and teas	2	2	4
July 16	Edelstein, B	Detroit	Dry goods	1	1	2
May 21	Edson, Moore & Co	Detroit	Dry goods	151	23	174
Nov. 13	Elite Candy Co	Detroit	Confectionery	1	2	3
May 24	Elliott-Taylor-Woolfenden Co	Detroit	General merchandise	89	164	253
May 18	Elmer's, Inc	Detroit	Ladies' wearing apparel	17	44	61
May 23	Emporium, The	Detroit	General merchandise	45	137	182
Aug. 9	Engel Bros	Detroit	Furniture	6	1	7
Aug. 10	Enggass, Adolph Jewelry Co., The	Detroit	Jewelry	14	7	21
July 16	Feldman's, H	Detroit	Groceries	2	3	5
Nov. 15	Ferndale Style Shop	Detroit	Dry goods	1	2	3
July 27	Finsterwald Furniture Co	Detroit	Furniture	17	3	20
July 16	Finsterwald Clothing Co	Detroit	Clothing	17	6	23
July 27	Fitzsimmons, Jas. Co	Detroit	Furniture	8	2	10
June 25	Fisk Rubber Co., The	Detroit	Rubber tires	24	6	30
July 10	Flattery, Thos. J	Detroit	Hats	7	.....	7
July 5	Foley, W. E	Detroit	Confectionery	3	2	5
July 5	Fowler, J. A	Detroit	Confectionery	1	5	6
May 14	Frank, M. E	Detroit	Dry goods	.....	2	2
June 6	Frants Premier Distributing Co., The	Detroit	Electric vaccums, etc	31	3	34
June 6	Frederic Shop, The	Detroit	Corsets	1	2	3
July 12	Freed, Harry M. Co., The	Detroit	Ladies' ready to wear	3	10	13
July 10	Froosh, L	Detroit	5 and 10c store	1	7	8
July 26	Frurip, M	Detroit	Confectionery	.....	1	1
June 16	Fyfe, R. H. & Co	Detroit	Shoes	113	61	174
July 18	Gardella, L. P	Detroit	Confectionery	4	4	8
Aug. 8	Gardner-White Co	Detroit	Furniture	17	3	20
July 19	Garlick, J. H	Detroit	Jewelry	9	1	10
May 24	Gately Clothing Co	Detroit	Clothing	25	55	80
July 10	Gates, W. E	Detroit	Candy and cigars	1	2	3
Oct. 26	General Grocer Co	Detroit	Wholesale groceries	46	9	55
July 16	Gepp, Walter L	Detroit	Jewelry	6	.....	6
June 5	German American Supply Co	Detroit	House furnishings	6	3	9
July 17	Gies, Emil	Detroit	Dry goods	2	2	4
Aug. 16	Glen Pharmacy	Detroit	Drugs	6	2	8
July 11	Globe House Furnishing Co	Detroit	Furniture	17	3	20
June 27	Globe Soap Co., The	Detroit	Premiums	4	2	6
July 26	Glosser, N	Detroit	Dry goods	1	2	3
July 11	Goldman, S. L	Detroit	Men's furnishings	2	2	4
May 24	Goldsmiths & Silversmiths, Inc	Detroit	Jewelry	16	6	22
Sept. 4	Golightly, R. A	Detroit	Dry goods	1	2	3
June 7	Goodyear Raincoat Co	Detroit	Rubber goods	5	4	9
June 14	Gorman, John J. Co	Detroit	Men's wear	9	1	10
June 18	Goudie Market Co	Detroit	Meats and groceries	32	11	43
Sept. 14	Grand Leader, The	Detroit	Dry goods	2	2	4
July 11	Grand Union Tea Co	Detroit	Teas and spices	22	6	28
July 20	Grand Upholstering & Furniture Co	Detroit	Furniture	26	4	30
Nov. 21	Grandma's Premium Parlors	Detroit	Premiums	1	1	2
June 11	Gray Furniture Co	Detroit	Furniture	24	3	27
Nov. 9	Greenwald, F. A	Detroit	Drugs	.....	1	1

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WAYNE CO.—*Con.*					
June 18	Gregg Hardware Co	Detroit	Hardware	33	8	41
July 31	Gregory-Mayer & Thom Co	Detroit	Stationery	95	17	112
Aug. 9	Griggs Furniture Co	Detroit	Furniture	5	1	6
May 25	Grimshaw & Stevens	Detroit	Men's furnishings	12	2	14
June 8	Grinnell Bros	Detroit	Musical supplies	221	82	303
Aug. 13	Griswold Drug Co	Detroit	Drugs	6	4	10
July 5	Haines, Wm	Detroit	Hair goods	1	2	3
Aug. 2	Hakenjos, E. A	Detroit	Dry goods	1	1	2
Aug. 13	Hamilton Grocery Co	Detroit	Groceries	3	1	4
July 17	Hammelef Candy Co	Detroit	Confectionery	3	2	5
June 7	Handy Store, The	Detroit	Dry goods	1	2	3
July 17	Hanly Bros	Detroit	Meats	5	1	6
July 23	Hanna, Jas. E. & Bros	Detroit	Art goods	5	.....	5
Aug. 1	Harter, E. R	Detroit	Confectionery	1	2	3
July 10	Hartner & Schoneman	Detroit	Dry goods	2	5	7
Sept. 11	Hartwig, W. J. Co	Detroit	Electric supplies	11	8	19
July 10	Harris, Mrs. Anna	Detroit	Dry goods	2	2	4
Sept. 10	Hasty & Lord	Detroit	Confectionery	.....	4	4
July 12	Havlatka, Frank	Detroit	Confectionery	1	1	2
June 25	Healy, D. J	Detroit	Specialty goods	55	174	229
July 20	Heinold & Schnoor	Detroit	Dry goods	.....	1	1
July 11	Heit & Co	Detroit	Furniture	78	13	91
Aug. 2	Henderson, J. H. Co	Detroit	Clothing	2	1	3
July 17	Heyn's Bazaar Co	Detroit	General merchandise	28	128	156
May 14	Hickey, E. J. Co	Detroit	Clothing	42	17	59
July 10	Hicks, Herman	Detroit	Confectionery	.....	3	3
June 14	Hilton, Hart & Garrett Co	Detroit	Stationery	16	11	27
June 30	Himelhoch Bros. & Co	Detroit	Women's apparel	20	186	206
July 18	Hirschfield, J. W	Detroit	Clothing	6	.....	6
May 24	Holihan, Miss N. E	Detroit	Corsets	1	2	3
June 13	Holtzmyer Suit Co	Detroit	Ladies' garments	2	1	3
May 18	Hudson, J. L. Co., The	Detroit	General merchandise	634	1,159	1,793
Nov. 15	Huff, H. H	Detroit	Confectionery	1	1	2
Aug. 24	Hunter, R. H. Co	Detroit	Dry goods	1	4	5
July 6	Huyck, M. H	Detroit	Men's furnishings	3	.....	3
Aug. 8	Isberg, R	Detroit	Dry goods	2	2	4
May 22	Jackson Sport Shop	Detroit	Sporting goods	2	1	3
July 10	Jefferson Hardware Co	Detroit	Hardware	4	1	5
May 9	Jersey Butter & Egg Co	Detroit	Dairy products	2	1	3
Aug. 2	Joesphon, Ike	Detroit	Dry goods	1	1	2
July 16	Joyce Pharmacy	Detroit	Drugs	3	.....	3
July 25	Kahn, L. B	Detroit	Dry goods	1	1	2
June 22	Kaiser-Blair Co	Detroit	Clothing	26	7	33
July 10	Kaneko, R	Detroit	Art goods	2	2	4
June 22	Kaplan, H. & Son	Detroit	General merchandise	4	4	8
July 5	Kaufman, Cleaners	Detroit	Cleaning	1	1	2
June 11	Keenan & Jahn	Detroit	Furniture	22	6	28
May 10	Kern, Ernst Co	Detroit	Dry goods	78	290	368
July 23	Kerr, Cora A	Detroit	Corsets	.....	3	3
June 11	Kerwin Co	Detroit	Confectionery	.....	2	2
June 11	Kerwin Co	Detroit	Confectionery	.....	3	3
June 7	Kerwin, Geo. E	Detroit	Candy	7	15	22
Oct. 22	Kilian & Short	Detroit	Confectionery	.....	2	2
June 1	King, L. B. & Co	Detroit	Crockery, etc	28	15	43
Aug. 22	Kinsel, E. C	Detroit	Drugs	42	14	56
Aug. 9	Kirchner, Leo Co., Ltd	Detroit	General merchandise	12	20	32
July 18	Klett & Cain	Detroit	Furniture, etc	11	6	17
June 7	Kline Garment Co	Detroit	Ladies' apparel	62	173	235
June 12	Koenig, A. W. Co	Detroit	Dry goods, etc	6	6	12
Aug. 9	Krapp, Ernst Co	Detroit	Dry goods, etc	6	5	11

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WAYNE CO.—*Con.*					
Nov. 15	Krawsmann, M. A.	Detroit	Dry goods	1	3	4
June 8	Kresge, S. S. Co.	Detroit	5 and 10c store	27	117	144
Nov. 1	Kroger Co., The	Detroit	Groceries	3	1	4
May 29	Kroger Co., The	Detroit	Groceries	1	1	2
July 6	Kroger Co., The	Detroit	Groceries	3	1	4
July 12	Kroger Co., The	Detroit	Groceries	4	.....	4
Aug. 22	Kroger Co., The	Detroit	Groceries	1	3	4
Aug. 13	Kroger Co., The	Detroit	Groceries	5	1	6
Nov. 21	Kroger Co., The	Detroit	Groceries	3	1	4
Dec. 6	Kroger Co., The	Detroit	Groceries	4	2	6
Dec. 7	Kroger Co., The	Detroit	Groceries	3	2	5
Nov. 9	Kroger Co., The	Detroit	Groceries	1	1	2
July 19	Krolik, A. & Co.	Detroit	Dry goods	210	14	224
June 22	Kuhn's Confectionery	Detroit	Confectionery	3	24	27
July 5	Kuhn & Young	Detroit	Dry goods	1	3	4
Aug. 1	Lafer Bros.	Detroit	Groceries	63	8	71
May 14	Laidlaw, Mrs. Alice	Detroit	Delicatessen	.....	2	2
May 9	Lamkin, E.	Detroit	Confectionery	.....	2	2
June 6	Laughlin, Jas. E. Co.	Detroit	Fountain pens	1	2	3
July 17	Lauts Premium Store	Detroit	Premiums	1	1	2
May 22	Layets Blouse Shop	Detroit	Blouses	1	2	3
July 23	Le Mar Blouse Shop	Detroit	Blouses	.....	3	3
Sept. 4	Lenhoff Furniture Co.	Detroit	Furniture	9	.....	9
Aug. 17	Lenihan, John J.	Detroit	Dry goods	.....	2	2
Nov. 9	Lenz, H. D.	Detroit	Confectionery	.....	1	1
June 25	Lieberman, M.	Detroit	Furniture	8	1	9
May 10	Liggett, Louis K. Co.	Detroit	Drugs	16	15	31
Nov. 23	Little Book Shop, The	Detroit	Books	1	2	3
Aug. 13	Lohrman Seed Co.	Detroit	Seeds	1	3	4
May 12	Londy, L. & Co.	Detroit	Ladies' garments	6	14	20
Aug. 13	Long, N. G.	Detroit	Confectionery	3	.....	3
July 12	Ludwig, Dora Corset Shop	Detroit	Corsets	1	3	4
July 12	Luster's Bazaar	Detroit	5 and 10c merchandise	1	1	2
Sept. 13	McKenzie, Hugh	Detroit	Dry goods	1	1	2
June 7	McLaren Drug Co.	Detroit	Drugs	4	.....	4
July 17	McMillan, G. & R.	Detroit	Groceries	60	16	76
July 12	Mabley, John D. Co.	Detroit	Clothing	29	3	32
May 29	Macauley Bros.	Detroit	Books	4	10	14
Oct. 24	Macauley Bros.	Detroit	Books and stationery	1	2	3
May 28	Macks, Jos. A. & Co.	Detroit	Sporting goods	4	2	6
June 15	MacDiarmid Candy Co.	Detroit	Confectionery	7	39	46
June 15	MacDiarmid Candy Co.	Detroit	Confectionery	1	22	23
June 15	MacDiarmid Candy Co.	Detroit	Confectionery	.....	3	3
May 11	Maier, Martin Co.	Detroit	Trunks, etc.	8	4	12
Aug. 7	Majestic Candies	Detroit	Confectionery	1	2	3
Aug. 16	Mangelsdorf, C. Co.	Detroit	Dry goods	2	3	5
June 12	Marsh & Schulte	Detroit	Furniture	3	.....	3
Aug. 13	Mead, E. C.	Detroit	Drugs	8	.....	8
Aug. 9	Mernets, E. & A.	Detroit	Dry goods	.....	4	4
July 17	Merrell, Harvey	Detroit	Groceries	3	1	4
Oct. 22	Messinger, Chas. H. Co., The	Detroit	Confectionery	8	2	10
June 8	Michigan Book Exchange	Detroit	Books	1	1	2
May 11	Michigan Catholic Co.	Detroit	Books & devotional articles	.....	2	2
July 18	Miller, G. E.	Detroit	Jewelry	43	5	48
Aug. 2	Miller's Bakery	Detroit	Baked goods	1	1	2
May 18	Miller Silk Co., The	Detroit	Silks	2	3	5
May 28	Miller & Son	Detroit	Groceries	10	2	12
Nov. 28	Milton Corset Shop	Detroit	Corsets	1	6	7
Aug. 3	Model Dress & Skirt Shop	Detroit	Skirts and dresses	1	1	2
July 6	Mooney, George	Detroit	Furniture	6	.....	6

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WAYNE CO.—*Con.*					
Nov. 8	Morrison, Thos. B	Detroit	Novelties	1	2	3
May 15	Morrison Bros	Detroit	Confectionery	6	1	7
July 10	Murphy-Crowley Co	Detroit	Corsets	.....	4	4
Aug. 13	National Art Sales Co	Detroit	Art goods	1	2	3
Oct. 24	National Grocer Co	Detroit	Groceries	62	18	80
May 24	National Retailers Stamp Co	Detroit	House furnishings	8	2	10
May 15	Newcomb-Endicott Co	Detroit	Dry goods	422	841	1,263
July 26	Newland Hat Co	Detroit	Hats, caps, etc	7	2	9
Aug. 3	New York Cloak Co	Detroit	Cloaks and suits	1	1	2
June 13	New York Clothing Co	Detroit	Men's furnishings	6	1	7
Aug. 9	New York Trimming & Lining Co	Detroit	Silks, laces, etc	5	24	29
June 15	Noack & Gorenflo	Detroit	Jewelry	9	3	12
Oct. 24	Northern Home Rubber Co	Detroit	Rubber goods	4	1	5
Aug. 2	Northwestern Confectionery	Detroit	Confectionery	1	2	3
May 18	Northwestern Floral Co	Detroit	Flowers	2	1	3
July 12	Novelty Store, The	Detroit	Dry goods	1	1	2
June 21	O'Brien & Co	Detroit	Groceries	33	5	38
June 21	Ohio Rubber Co., The	Detroit	Rubber goods	8	5	13
Aug. 9	Ollinger, R. E	Detroit	Groceries	4	2	6
May 9	Olympia Candy Co	Detroit	Candies	6	4	10
July 17	Ontra, S	Detroit	Fancy work	1	1	2
July 10	Opp, Fred	Detroit	Confectionery	1	2	3
July 13	Ouellete, G. J	Detroit	Dry goods	1	2	3
June 19	Owen & Company	Detroit	Furniture, etc	43	9	52
Oct. 13	Pack-Wolin Shop	Detroit	Ladies' wear	1	24	25
Sept. 10	Parker, Webb & Co	Detroit	Meats	28	1	29
Aug. 1	Passmore & Stickel	Detroit	Dry goods	1	4	5
Nov. 19	Pathe Shop, The	Detroit	Musical instruments	5	2	7
June 6	Payette-Walsh & Co	Detroit	Cigars	8	2	10
Nov. 1	Pearlman, J. L	Detroit	Groceries	1	2	3
June 15	Peoples Outfitting Co	Detroit	Furniture, etc	71	54	125
July 26	Pernick, Dave	Detroit	Drugs, etc	1	2	3
Aug. 10	Pinkerton Drug Co	Detroit	Drugs	5	.....	5
Aug. 2	Pollock, Wm	Detroit	Dry goods	1	1	2
June 8	Polski, Paul	Detroit	Blouses	1	1	2
July 20	Posselius, A. & Co	Detroit	Furniture, carpets, etc	22	3	25
Nov. 5	Potts Drug Co	Detroit	Drugs	6	3	9
Sept. 10	Prime Tea Co., The	Detroit	Teas and coffees	13	.....	13
July 5	Putnam, A. W	Detroit	Toys and cigars	2	2	4
July 11	Queen Anne Soap Co	Detroit	Premiums	.....	2	2
May 12	Queen Quality Boot Shop	Detroit	Shoes	11	4	15
July 5	Rall, O. V	Detroit	Confectionery	2	5	7
July 13	Ranspach Bros	Detroit	Groceries	5	1	6
Nov. 1	Rapp, Ida A	Detroit	Dry goods	.....	1	1
May 25	Ray, T. B. & Co., The	Detroit	Hardware	92	28	120
July 13	Raymo, Jos. Co	Detroit	Hardware	6	.....	6
July 13	Reeber, Chas. & Bros	Detroit	Dry goods and furniture	7	5	12
May 14	Reed, Dr. A. Cushion Shoe Co	Detroit	Shoes	5	1	6
July 10	Reed, Wm. H	Detroit	Wall paper	7	1	8
July 27	Redelsheimer, Max	Detroit	Optical goods	3	2	5
May 24	Regal Shoe Co	Detroit	Shoes	11	1	12
Aug. 16	Reindel, Geo. J. & Co	Detroit	Furniture	7	1	8
May 21	Reliable Furniture Co., The	Detroit	Furniture	28	7	35
Aug. 13	Reliable Grocery & Meat Co., The	Detroit	Groceries and meats	9	1	10
June 11	Richmond & Backus Co., The	Detroit	Stationery	53	13	66
July 18	Ritter, C. H. Co	Detroit	Liquors	27	.....	27
July 16	Roberts Furniture Co., The	Detroit	Furniture	5	1	6
Aug. 3	Robinson-Cohen Co	Detroit	General merchandise	27	23	50
July 20	Roger's Candies	Detroit	Confectionery	1	1	2
June 6	Roger Shoe Co	Detroit	Shoes	17	1	18

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WAYNE CO.—*Con.*					
July 5	Rolshoven, F. & Co	Detroit	Jewelry	9	1	10
May 11	Rothman, E. M	Detroit	Men's furnishings	3	1	4
July 19	Rothstein, Samuel E	Detroit	Dry goods	1	2	3
Aug. 13	Roselle, H. D	Detroit	Confectionery	1	3	4
July 18	Rosenberg & Ettlinger	Detroit	Women's apparel	4	27	31
Aug. 7	Ross, F. D. Co	Detroit	Confectionery	1	3	4
July 23	Rowley Hair Shop	Detroit	Hair goods	.....	4	4
July 10	Ruby, Alfred J., Inc	Detroit	Shoes	7	6	13
May 29	Rush, Mrs. F	Detroit	Flowers	1	3	4
May 14	Russell Co., The	Detroit	Women's apparel	26	83	109
June 13	R. and H. Shoe Co	Detroit	Shoes	15	25	40
May 18	Sallan, Sol	Detroit	Jewelry	15	3	18
May 28	Sanders, Fred	Detroit	Confectionery	13	105	118
May 18	Schaefer Rubber Co	Detroit	Rubber goods	3	2	5
May 25	Schettler, Geo. M	Detroit	Drugs	36	1	37
May 22	Schettler, Geo. M	Detroit	Drugs	3	.....	3
July 18	Schiappacasse, Chas	Detroit	Confectionery	1	2	3
May 31	Schiller-Stein & Co	Detroit	Dry goods	5	.....	5
July 10	Schmittdeil, J. A	Detroit	Dry goods	2	1	3
Nov. 21	Schneider Tea and Coffee Co	Detroit	Groceries	3	1	4
July 18	Schneider & Konkel	Detroit	Confectionery	2	2	4
June 7	Schroeder Bros. Hardware Co	Detroit	Hardware	14	3	17
July 25	Schroeder Paint & Glass Co	Detroit	Paints and glass	69	12	81
May 11	Schroeder & Weitsman	Detroit	Jewelry	3	.....	3
May 25	Schrom, Fred	Detroit	Women's apparel	6	19	25
July 13	Schroeter, B	Detroit	Flowers	5	2	7
Nov. 1	Schultz, G. M	Detroit	Drugs	2	2	4
Aug. 1	Segalbaum, A	Detroit	Ice cream	1	1	2
July 6	Sellman Shoe Co	Detroit	Shoes	11	1	12
June 1	Seltzer, Leonard A. Co	Detroit	Drugs	9	2	11
July 10	Shaberry Bros	Detroit	Groceries	3	1	4
May 17	Sheehan, John V. & Co	Detroit	Books, toys, etc	7	19	26
July 16	Sheill Bros	Detroit	Baked goods	2	2	4
July 25	Siegel, B. Co	Detroit	Women's apparel	66	372	438
June 14	Siegel, Wm	Detroit	Dry goods	1	2	3
July 11	Silver Produce Co	Detroit	Fruits, etc	4	1	5
July 13	Singer Sewing Machine Co	Detroit	Sewing machines	6	2	8
July 5	Skimin, E. C	Detroit	Drugs	4	2	6
July 13	Sloan, H. J	Detroit	Furniture	5	1	6
May 14	Smith, C. F. Co	Detroit	Groceries	2	2	4
May 29	Smith, C. F. Co	Detroit	Groceries	4	.....	4
Nov. 20	Smith, C. F. Co	Detroit	Groceries	2	.....	2
Sept. 14	Smith, C. F. Co	Detroit	Groceries	4	1	5
Sept. 16	Smith, C. F. Co	Detroit	Groceries	6	.....	6
July 5	Smith, C. F. Co	Detroit	Groceries	5	1	6
May 29	Smith, C. F. Co	Detroit	Groceries	3	.....	3
Aug. 15	Smith, C. F. Co	Detroit	Groceries	3	1	4
July 16	Smith, C. F. Co	Detroit	Groceries	3	.....	3
Aug. 16	Smith, C. F. Co	Detroit	Groceries	2	.....	2
Nov. 9	Smith, C. F. Co	Detroit	Groceries	2	1	3
July 16	Smith, C. F. Co	Detroit	Groceries	1	1	2
Aug. 16	Smith, C. F. Co	Detroit	Groceries	4	.....	4
Nov. 9	Smith, C. F. Co	Detroit	Groceries	2	.....	2
July 13	Smith, C. F. Co	Detroit	Groceries	3	.....	3
July 13	Smith, C. F. Co	Detroit	Groceries	2	.....	2
Aug. 3	Smith, C. F. Co	Detroit	Groceries	3	1	4
Aug. 7	Smith, C. F. Co	Detroit	Groceries	3	1	4
Aug. 13	Smith, C. F. Co	Detroit	Groceries	4	.....	4
Oct. 24	Smith, C. F. Co	Detroit	Groceries	3	1	4
Aug. 2	Smith, L. H	Detroit	Confectionery	1	1	2

Digitized by Google

Inspection of stores.—Continued.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WAYNE CO.—*Con.*					
May 22	Smith, Peter & Sons Grocery Co	Detroit	Groceries	35	27	62
May 29	Speck Bros	Detroit	Furniture	5	1	6
June 6	Stahl's Boot Shop	Detroit	Shoes	4	2	6
May 22	Standard Drug Store	Detroit	Drugs	32	44	76
July 16	Starr Piano Co., The	Detroit	Musical instruments	13	1	14
Aug. 8	Sterling Shoe Co	Detroit	Shoes	1	1	2
June 14	Strang & Son	Detroit	Jewelry	3	.....	3
July 6	Struts & Schmidt	Detroit	Dry goods	2	1	3
July 2	Sturn, B. J	Detroit	Toys and novelties	8	.....	8
May 15	Sullivan, J. F	Detroit	Flowers	4	2	6
July 12	Sullivan, John R	Detroit	Furniture	13	2	15
July 13	Summerfield & Hecht	Detroit	Furniture	92	18	110
July 29	Sun Furnishing Co	Detroit	Furniture	6	1	7
July 23	Tadross-Zalhoute	Detroit	Oriental rugs	4	.....	4
June 9	Taepke, Gust. H. Co	Detroit	Flowers	4	3	7
Aug. 13	Taepke-Zepf Paint Co	Detroit	Paints	7	2	9
July 22	Thatcher, F. R	Detroit	Shoes	5	3	8
Aug. 15	Thorne, Maidment Co	Detroit	Dry goods, etc	2	5	7
Aug. 10	Towle Smoke Shop	Detroit	Tobacco	2	1	3
July 10	Trombly's Sons	Detroit	Furniture	7	1	8
Aug. 3	Tryon Confectionery	Detroit	Candies and ice cream	1	1	2
July 23	Tuttle & Clark	Detroit	Leather goods, etc	7	3	10
Aug. 9	United Cigar Stores Co	Detroit	Cigars and tobacco	5	.....	5
July 13	United Silk Co	Detroit	Silks	1	2	3
Aug. 1	Van Hoey, P. H	Detroit	Dry goods	1	1	2
Aug. 1	Vapor, Chas	Detroit	Fruits	3	1	4
Oct. 30	Vapor, Mrs. E. G	Detroit	Confectionery	.....	2	2
Dec. 7	Wadley, Mrs. Alice	Detroit	Toilet articles, etc	.....	13	13
May 21	Wallace, David & Sons	Detroit	Groceries	23	5	28
July 10	Warren, Chas. W. & Co	Detroit	Jewelry	12	.....	12
May 25	Watkins Cigar Store	Detroit	Cigars	3	.....	3
Aug. 2	Watson, Harry P	Detroit	Dry goods, etc	1	4	5
Sept. 14	Watson, Harry W. Co	Detroit	Cigars	16	5	21
July 31	Webber, Geo. F	Detroit	Knit goods	14	5	19
July 12	Weber, A. F	Detroit	Groceries	1	2	3
Nov. 8	Wedell & Boers	Detroit	Travelers' goods	6	1	7
Oct. 25	Welt & Sons Paper Co	Detroit	Paper	7	1	8
Aug. 16	Werner, C. H. & Sons Co	Detroit	Crockery, etc	16	3	19
Nov. 9	West Warren Candy Works	Detroit	Confectionery	.....	1	1
May 18	Wheeler's Variety Store	Detroit	5 and 10c merchandise	1	1	2
July 18	White Front Butter & Egg Co	Detroit	Butter, etc	2	1	3
July 6	Whittaker, F	Detroit	Confectionery	4	.....	4
Oct. 30	Whittaker Paper Co., The	Detroit	Paper	22	4	26
July 6	Wiber, Henry C. & Co	Detroit	Hardware	27	9	36
Aug. 16	Wickham's Kandy Shop	Detroit	Confectionery	.....	3	3
Aug. 16	Williams-Davis-Brooks & Hinchman Sons	Detroit	Drugs	177	87	264
May 17	Wilson Shoe Co	Detroit	Shoes	26	14	40
Aug. 10	Wirick's Glove Shop	Detroit	Gloves, hosiery, etc	1	3	4
May 9	Wirth, John	Detroit	Dry goods	2	2	4
Aug. 3	Wolf, Fred H	Detroit	Shoes	4	.....	4
June 1	Wolf, H	Detroit	Ladies' furnishings	1	2	3
Sept. 14	Wolf Bros	Detroit	Dry goods	3	3	6
Sept. 4	Wolverine Creamery Products Co	Detroit	Dairy products	5	4	9
June 14	Woodhouse, John T. & Co	Detroit	Tobacco	92	22	114
May 15	Woodward Ave. Bargain House	Detroit	Women's apparel	1	9	10
Nov. 5	Woodward Candy Shop	Detroit	Confectionery	2	2	4
June 7	Woolworth, F. W. Co	Detroit	5 and 10c merchandise	30	154	184
June 17	Woolworth, F. W. Co	Detroit	5 and 10c merchandise	21	103	124
May 25	Worth & Co	Detroit	Ladies' apparel	20	64	84
Aug. 1	Wright, Kay & Co	Detroit	Jewelry	29	9	38

Digitized by Google

Inspection of stores.—Concluded.

Date of inspection.	Names of establishments.	Where located.	Nature of business.	Number of men employed.	Number of women employed.	Whole number employed.
	WAYNE CO.—*Con.*					
Aug. 1	Wright & Parker	Detroit	Groceries	4	1	5
Aug. 3	Wright & Parker	Detroit	Groceries	4	2	6
Nov. 9	Wright & Parker	Detroit	Groceries	1	1	2
Aug. 3	Wright Store, The	Detroit	Dry goods	1	2	3
July 18	Yale Hat Co	Detroit	Hats	10	1	11
June 8	Yale Hat Store	Detroit	Hats	3	.....	3
Aug. 15	Zeckman, Chas. A	Detroit	Dry goods	3	1	4
June 6	Zins, Paul C	Detroit	Jewelry	3	2	5
July 26	Edwards, Mrs	Highland Park	Dry goods	2	3	5
July 26	Hart Bros	Highland Park	Confectionery, etc	2	2	4
July 27	Hutchin, H. & Co	Highland Park	5 and 10c merchandise	1	8	9
Nov. 2	Kroger Co., The	Highland Park	Groceries	4	1	5
Nov. 2	Smith, C. F. Co	Highland Park	Groceries	6	1	7
Nov. 2	Smith, C. F. Co	Highland Park	Groceries	3	1	4
July 9	Bernstein, J	River Rouge	Dry goods	2	1	3
July 9	Cohen, S	River Rouge	Dry goods	2	1	3
May 10	Delray Dry Goods Co	River Rouge	Dry goods	2	4	6
May 10	Goldberg, H. M	River Rouge	Ladies' furnishings	2	2	4
July 9	S. & M. Co	River Rouge	5 and 10c merchandise	1	3	4
May 10	Jewel Department Store	River Rouge	General merchandise	2	4	6
May 10	Kantor, B	River Rouge	Dry goods	1	1	2
May 10	Lazar & Leebore	River Rouge	Groceries	5	.....	5
May 10	Nadeau, F. C	River Rouge	Confectionery, etc	2	1	3
May 10	Parsons, Geo	River Rouge	Groceries	3	.....	3
May 10	Steinberg, L. L. Co	River Rouge	Dry goods, etc	2	1	3
Nov. 19	Warmbier, A	River Rouge	Dry goods	1	1	2
July 9	Wolf, John	River Rouge	Men's clothing	2	1	3
Nov. 19	Zimmerman, Isaac	River Rouge	5 and 10c merchandise	1	3	4
	WEXFORD COUNTY.					
Feb. 12	Auer, H. C	Cadillac	Men's furnishings	2	.....	2
Feb. 12	Beckman's Big Store	Cadillac	Clothing and shoes	1	3	4
Feb. 12	Drebin, H	Cadillac	Dry goods	3	4	7
Feb. 13	Drury & Kelley Hardware Co	Cadillac	Hardware	13	.....	13
Feb. 12	Harvey, J. W. Co	Cadillac	Dry goods	2	12	14
Feb. 12	Hector's, E. R	Cadillac	Groceries	3	.....	3
Feb. 12	Johnson, John	Cadillac	Hardware	3	.....	3
Feb. 12	Kryger, Chris C	Cadillac	Furniture	2	.....	2
Feb. 12	McGee's Shoe Store	Cadillac	Shoes	2	1	3
Feb. 12	Nickels-Merts & Co	Cadillac	5 and 10c merchandise	1	3	4
Feb. 13	Olson's Shoe Store	Cadillac	Shoes	2	.....	2
Feb. 12	Wardell-Olson Co	Cadillac	Clothing, etc	2	.....	2
Feb. 13	Bartlett, A. B	Manton	Hardware	2	.....	2
Feb. 13	Bostick, Chas. H. & Son	Manton	Drugs and sundries	1	1	2
Feb. 13	Cade Drug Co	Manton	Drugs and sundries	1	1	2
Feb. 13	Eastman's Lunch Room	Manton	Baked goods and groceries	1	1	2
Feb. 13	Hill, Fred E	Manton	General merchandise	2	.....	2
Feb. 13	Labonte & Ransom Co	Manton	General merchandise	2	2	4
Feb. 13	McGregor Hardware Co	Manton	Hardware	3	.....	3
Feb. 13	Manton Mercantile Co	Manton	General merchandise	1	.....	1
Feb. 13	Mears, William	Manton	General merchandise	1	1	2
Feb. 13	Muche, Jno. A	Manton	Furniture	1	.....	1
Feb. 13	Murray, M. W	Manton	Notions	1	.....	1
Feb. 13	Nadeau & Lindberg	Manton	General merchandise	.....	2	2
Feb. 13	Swanson, Reynold	Manton	General merchandise	2	.....	2
Feb. 13	Vandercook, Frank H	Manton	Groceries, etc	1	1	2

Digitized by Google

ORDERS ISSUED FOR STORES 1917.

Adrian. November 20, 1917.

GRINNELL BROTHERS MUSIC HOUSE.—At once designate toilet on second floor For Women Only.

Allegan. October 3, 1917.

BURGESS, D. E., DEPARTMENT STORE.—At once equip elevator with automatic gates, door or traps. Place guard around elevator on first floor. Designate toilet for ladies.

Ann Arbor. September 7, 1917.

HELBER, L. C., GROCERY.—At once have toilet placed in proper condition so as to stop flow of water through ceiling above grocery store and have plaster replaced where water has caused same to fall off.

July 28, 1917.

MILES, E. C., GROCERY.—At once put back of store in such a condition that a clear passageway is always open to and from back door. Remove all boxes, etc. from stairway leading to basement and keep a passageway open in basement from rear to stairway at front. These aisles or passageways must at all times be kept free and clear from all obstructions.

August 23, 1917.

MODDER, E. C.—At once remove all empty cans and rubbish from basement.

Bay City. September 7, 1917.

GOETZ DEPARTMENT STORE.—At once clean toilet used by the women of your employ, also cleanse bowls.

September 7, 1917.

THE HAWLEY DRY GOODS CO.—At once provide a separate and distinct toilet for female employes and designate it as such. Do not allow the public to use such toilets.

September 4, 1917.

LIBERAL CLOTHING CO.—At once put in ventilation pipe in ladies toilet and also give general cleaning to same.

September 6, 1917.

LOUIS DRUG CO.—At once provide a separate and distinct toilet for your female employes and designate same as such.

September 5, 1917.

SEITNER DRY GOODS CO.—At once give toilet used by the ladies in your employ a thorough cleaning.

January 20, 1917.

THOMPSON, M. F.—At once file working papers for employee who is under fifteen years of age. Do not allow your female help to work longer than 10 hours in any one day or longer than 54 hours in any one week.

Birmingham. September 14, 1917.

BIRMINGHAM DEPARTMENT STORE.—At once put gates around elevator on first floor of building.

September 14, 1917.

BIRMINGHAM GROCERY.—At once install sanitary toilet in building occupied by E. A. Mudge owned by J. F. Wooster.

Digitized by Google

September 14, 1917.

CHAMBERS, H. S., QUALITY SHOP.—At once install sanitary toilet in building located at 127 West Maple Ave.

September 15, 1917.

COBB, JAMES W., DRUGS.—At once install sanitary toilet in building located 104 South Woodward Ave.

September 15, 1917.

MINER GROCERY CO.—At once install sanitary toilet. Place cellar door leading into basement in safe condition.

September 15, 1917.

MUDGE, C. E., POOL ROOM.—At once install sanitary toilet in building occupied as a pool room.

Dexter. August 28, 1917.

ALLEY, C. B. & SON.—At once clean out basement in store and remove all rubbish, also keep passageway leading to basement free from obstruction.

Detroit. March 30, 1917.

BOKOR, I.—At once arrange the hours of your female employe to conform with the fifty-four hour law.

July 20, 1917.

EMPORIUM, THE.—At once discontinue employing female help longer than ten hours in any one day or longer than 54 hours in any one week.

July 26, 1917.

GLEN'S, PHARMACY.—At once arrange hours of female and minor help to conform with the fifty-four law.

July 10, 1917.

HARTNER & SCHONEMAN.—At once arrange to have more light in toilet used by women of your employ.

June 22, 1917.

HOUSEY'S, JOHN, STORE.—At once discontinue employing female help for a period longer than 10 hours in any one day or longer than 54 hours in any one week.

July 16, 1917.

JOYCE, J. H.—At once procure and keep on file working permits for all employes under sixteen years of age.

January 13, 1917.

KILGER'S CONFECTIONERY.—At once discontinue employing females for a period longer than ten hours in any one day nor longer than fifty-four hours a week.

November 9, 1917.

KLINE GARMENT CO.—At once provide stationary stools for the use of your first floor female employes, at least one for every two persons.

March 4, 1918.

LEMON & CONLEY'S GROCERY.—At once procure and keep on file working permits for all employes under sixteen years of age.

April 5, 1917.

MARRIOTT, HARRY.—At once arrange the hours of your female employes to conform with the fifty-four hour law.

August 13, 1917.

MEAD, E. C.—At once procure and keep on file working permits for all employes under sixteen.

Digitized by Google

March 30, 1917.

RIENITZ FIVE & TEN CENT STORE.—At once arrange the hours of your female employes to conform with the fifty-four hour law and procure and keep on file working permits for all employes under 16 years of age.

March 30, 1917.

ROSENGARTEN'S.—At once arrange the hours of your female employes to conform with the fifty-four hour law.

February 29, 1917.

ROSS CONFECTIONERY STORE.—At once discontinue employing females for a period longer than ten hours in any one day or longer than 54 hours in any one week.

March 26, 1917.

SIEGEL, B., Co.—At once see that wash bowls on sixth floor in toilet room are placed and kept in a sanitary condition.

November 15, 1917.

SMITH, C. F. & Co.—At once discharge all children under the age of 16 years and do not employ any children under said age without placing on file working permits. Arrange the hours of females and boys under 18 years of age to conform with the fifty-four hour law. This order is effective in all branches of this company.

March 30, 1917.

S. & M. COMPANY.—At once arrange the hours of your female employes to conform with the fifty-four hour law, and provide lock for toilet.

February 18, 1918.

THIERRY, H. H., BOWLING ALLEYS.—At once discharge boy under 14 years of age in your employ. Do not permit boy under 16 years old to work without a permit.

Eaton Rapids. June 12, 1917.

HALE & PETTIT.—At once obtain permit for boy in your employ.

Escanaba. April 12, 1917.

SCANDIA CO-OPERATIVE ASSOCIATION.—At once provide separate toilet for use of females in your employ.

Farmington. September 13, 1917.

COOK & Co.—At once either remove iron grating from at least two windows in rear of store on second floor, or put same on hinges so that same can be opened at any time during working hours. Place posters in second story denoting exit through these openings in case of fire.

September 13, 1917.

SMITH, C. F.—At once remove all boxes from foot of stairs in basement, and place two chairs or stools for female employes so same can be used by them at any time.

Flint. April 17, 1917.

SEITNER CO., THE.—At once provide ventilation for toilet in basement used by the women of your employ, keep said toilet in more sanitary condition.

July 5, 1917.

SMITH, O. M., Co.—At once place fire escape on building.

September 19, 1917.

SMITH, O. M., Co.—At once provide one more toilet for the females of your employ.

Digitized by Google

September 18, 1917.

VOGUE, THE.—At once procure and keep on file permit for boy under 16 years of age.

September 18, 1917.

WARRICK BROTHERS.—At once clean and keep in more sanitary condition the wash and toilet room used by the women of your employ.

Grand Rapids. December 17, 1917.

WOOLWORTH, F. W.—At once install storm door or vestibule at front door of building at 208 Monroe Street.

Hancock. September 24, 1917.

QUYLE M., MR. OWNER STORE. 410½ QUINCY ST.—At once install toilet for use of females employed in store of Miss S. Joassen, and keep said toilet in sanitary condition at all times.

Highland Park. November 2, 1917.

KROGER GROCERY CO., THE.—At once place and keep in a sanitary condition and provide light for toilet used by your female employes.

November 2, 1917.

SMITH, C. F., CO.—At once place and keep in a sanitary condition toilet used by your females.

Hillsdale. November 19, 1917.

MORRIS CO., THE.—At once provide a toilet for the use of female employes and designate it as such.

Holland. October 25, 1917.

FRENCH CLOAK HOUSE.—At once provide better ventilation in toilet also clean and keep same more sanitary.

October 25, 1917.

STEKETEE, B.—At once designate toilet in basement For Women Only.

October 25, 1917.

VAN DER SLUIS DRY GOODS STORE.—At once discontinue employing female help for a period longer than ten hours a day or longer than 54 hours per week.

Iron Mountain. January 10, 1918.

CAMERON, KATHERINE, MRS.—Within thirty days install toilet on first floor of building occupied by Fugene Brothers, for use of the employes in said store.

January 2, 1918.

HANSON & BOYD.—At once repair toilet and put same in good sanitary condition, also install light in same.

Mt. Clemens. February 1, 1917.

MT. CLEMENS FIVE AND TEN CENT STORE.—At once provide light for stairway.

Muskegon. October 6, 1917.

INDEPENDENT STORE.—At once provide ventilation for toilet in basement, designate said toilet For Women Only.

October 6, 1917.

JACOBS, DAVID.—At once clean and keep in more sanitary condition the toilet and designate same For Women Only.

Digitized by Google

October 6, 1917.

PEOPLES CREDIT CLOTHING CO.—At once designate toilet For Women Only.

October 7, 1917.

RED FRONT STORES.—At once clean and keep in more sanitary condition the toilet used by the females in your employ. Designate toilet For Women Only.

Ontonagon. November 17, 1917.

CARROL, EDWARD.—Within sixty days install a toilet in building owned by you and occupied by E. J. Ostrander as a drug store.

November 17, 1917.

JONES, C. A.—Within thirty days install toilet in building on River Street owned by you and occupied by W. C. Marley for a dry goods store. Keep said toilet in good condition at all times.

Owosso. September 20, 1917.

CHICAGO CLOTHING STORE.—At once give toilet used by women in your employ general cleaning.

September 20, 1917.

KAUFMAN, A.—At once place light in toilet, ventilate and keep same in sanitary condition.

Pewamo. August 21, 1917.

PEWAMO HARDWARE CO.—At once procure and place on file permit for boy under 16 years of age.

Pontiac. January 10, 1917.

NATIONAL CREDIT CO.—At once clean and properly designate women's toilet room.

Port Huron. August 6, 1917.

CARLISLE, L. H.—At once file working permits for employe under 16 years of age.

August 7, 1917.

HYBOYE, TONY, FRUIT & ICE CREAM.—At once procure and place on file permit for employee under 16 years of age.

August 3, 1917.

MARX BROTHERS.—At once procure and place on file permits for boys in your employ under 16 years of age.

Posen. October 29, 1917.

GABRYSIAK, MIKE.—At once arrange hours of women employes to conform with the fifty-four hour law, and file permits for all employes under sixteen years of age.

River Rouge. April 27, 1917.

PARSONS, GEORGE, CO.—At once comply with Section 10 of the Labor Laws and arrange the hours of your minor employes to conform to the 54-hour law.

April 27, 1917.

RIVARD, L. P.—At once procure and keep on file working permits for all employes under sixteen yers of age.

Royal Oak. February 5, 1917.

CODLING, J. F., CO.—At once provide a proper toilet for the use of your female employe.

Digitized by Google

February 5, 1917.

MARION, CHARLES E.—At once procure and keep on file working permits for all employes under sixteen.

February 5, 1917.

RED CROSS PHARMACY.—At once procure and keep on file working permits for all employes under sixteen.

July 25, 1917.

ROY, MRS. EDWARD.—At once provide a proper sanitary toilet for the use of the female employes of the J. Lochbiler Company, tenants of building owned by you at 1305 Main Street.

February 5, 1917.

YE BOOTERYE.—At once procure and keep on file working permits for all employes under sixteen.

Saginaw. August 28, 1917.

BERNHARD CO., THE.—At once clean dressing room. Provide better ventilation in toilet room used by the women in your employ, and keep said toilet in more sanitary condition.

August 21, 1917.

BOSTON VARIETY STORE.—At once provide better ventilation for toilet on first floor used by the women in your employ.

August 22, 1917.

FERRIS BROTHERS.—At once procure and keep on file in your office working permits for all children under sixteen years of age.

June 6, 1917.

SOBEL, PHILIP.—At once designate toilet For Women Only and do not allow men to use said toilet.

South Lyon. September 10, 1917.

BASCARINO, JOE.—At once put floor in basement also put in balance of floor in back room leading to basement.

September 11, 1917.

HOLLOWAY, A. E.—At once put cement floor in basement and keep passageway leading to same clear from obstructions.

September 10, 1917.

RICHARDSON, H. L., FURNITURE.—At once remove rubbish in back store shed adjoining building, also keep passageways open to back doors. Remove ashes, papers and all rubbish in basement of store and clean up same generally.

September 11, 1917.

WALLACE, E. D.—At once put railing from first to second floor on stairway.

Ypsilanti. July 16, 1917.

CLARK BROTHERS FURNITURE & UNDERTAKING.—Within thirty days place fire escape on building now occupied at 208 Michigan Avenue.

July 17, 1917.

HUTCHINS, H. & CO.—At once place seats for lady clerks throughout store.

July 17, 1917.

MACK & MACK, FURNITURE & UNDERTAKING.—At once remove bedding material from entrance of stairway leading to basement. Remove all material of all kinds from back stairway leading to second floor and keep passageway clear of all obstructions leading to and from said stairway.

Digitized by Google

SUMMARY OF

Number of inspection.	Name of county.	Number men employed as managers.	Number who receive wages.	Average daily wages.	Number women employed as managers.	Number who receive wages.	Average daily wages.	Number men employed as bookkeepers.	Number who receive wages.	Average daily wages.	Number women employed as bookkeepers.	Number who receive wages.	Average daily wages.	Number men employed as stenographers.	Number who receive wages.	Average daily wages.
8	Alcona	8			1						2	2	$1 40			
15	Alger	18	1	$4 00	1	1	$2 50				2	1	2 00			
60	Allegan	75	4	3 44	3			5	2	$4 92	4	4	1 83			
60	Alpena	59	5	3 60	1	1	2 00	1	1	2 50	10	10	1 55			
17	Antrim	21	2	3 25	1						1	1	1 75			
26	Arenac	34			1						1	1	1 90			
10	Baraga	10	2	4 92	1			1	1	2 50						
3	Barry	2						1								
70	Bay	74	29	4 83	6	5	2 53	11	11	3 82	22	22	2 29	4	4	$2 75
15	Bensie	15									1	1	1 25			
37	Berrien	49	10	3 80	3	1	1 50				17	17	2 53			
11	Branch	19	1	8 00	3	2	3 50	1	1	2 65	11	11	1 75			
58	Calhoun	63	17	5 36	5			1	1	3 00	34	34	2 20			
12	Cass	17			3	1	2 00	1			6	6	1 67			
35	Charlevoix	38	2	2 53	8	1	2 00				2	2	1 63			
50	Cheboygan	49	1	3 00	4			1	1	3 33	4	4	1 82			
30	Chippewa	34	1	10 00	1			1	1	5 83	15	15	2 07			
26	Clare	30			1						3	3	2 08			
7	Clinton	7									4	4	1 63			
13	Crawford	13									2	2	1 55			
34	Delta	52	20	4 03	5	4	2 81	3	3	3 70	14	13	1 89	2	2	2 70
41	Dickinson	50	3	4 27	8						7	7	1 71			
69	Eaton	88	6	3 14	4	1	3 33	2	2	2 92	9	9	1 56			
34	Emmet	40	4	3 51	11			1	1	2 75	6	4	2 10			
50	Genesee	65	29	5 98	6	5	3 26	5	5	3 60	42	42	2 68			
26	Gladwin	32	2	3 75	1						3	3	1 42			
64	Gogebic	83	8	4 79	8	2	3 17	2	1	3 00	19	19	1 59			
20	Grand Traverse	34	16	4 22	5	4	3 53	4	4	3 04	9	9	1 72			
61	Gratiot	78	1	3 33	3			3	3	2 50	7	7	1 55			
13	Hillsdale	17	3	2 45							10	10	2 01			
174	Houghton	200	18	85 89	25	3	2 76	19	17	3 07	54	53	1 51			
47	Huron	59	27	3 95	2	2	2 16	11	11	3 40	9	9	1 72	1	1	1 50
71	Ingham	100	32	2 23	16	15	2 93	7	6	2 22	36	35	2 21	1	1	1 25
176	Ionia	197	13	2 47	14	2	3 00				18	15	1 59			
18	Iosco	17	1	4 25	5	1	2 50									
42	Iron	47	1	3 00	11	1	1 50	3	3	3 27	4	4	1 79			
43	Isabella	58	2	4 16							7	7	1 35			
41	Jackson	43	39	6 11	10	10	5 56	3	3	4 14	39	39	1 90	1	1	4 00
50	Kalamazoo	52	34	5 68	4	4	6 19	10	10	4 95	40	40	1 92			
4	Kalkaska	6														
313	Kent	392	139	5 65	54	41	3 56	34	34	3 71	146	146	2 12	14	14	2 11
7	Keweenaw	8	2	5 62	1			4	4	3 80	2	2	1 25			
1	Lake	1														
32	Lapeer	41	13	2 97	4	1	1 50				8	8	1 52			
15	Leelanau	15						2	2	2 72	1	1	1 75			
15	Lenawee	20	2	10 00				3	3	2 97	6	6	1 99			
3	Livingston	4						1	1	3 33						
9	Luce	8			1	1	1 75	1	1	3 50	1	1	1 50			
15	Mackinac	18	1	2 50	2			1	1	3 00	3	3	2 00			
20	Macomb	22	2	4 00							2	2	1 20			

Digitized by Google

STORE INSPECTION.

Number women employed as stenographers.	Number who receive wages.	Average daily wages.	Number men employed as cashiers.	Number who receive wages.	Average daily wages.	Number women employed as cashiers.	Number who receive wages.	Average daily wages.	Number salesmen employed.	Number who receive wages.	Average daily wages.	Number saleladies employed.	Number who receive wages.	Average daily wages.	Number men cash clerks employed.	Number who receive wages.	Average daily wages.
....	....	....	....	....	....	....	....	....	8	7	$2 00	1	....	....	....	....	....
....	....	....	....	....	....	1	1	$1 83	16	16	2 52	5	5	$1 13	....	....	....
....	....	....	....	....	....	1	1	1 00	85	85	2 45	55	50	1 38	....	....	....
....	....	....	1	1	$2 50	2	2	2 00	87	84	2 28	58	56	1 26	2	2	$0 79
....	....	....	....	....	....	....	....	....	14	14	2 13	11	11	1 45	....	....	....
....	....	....	....	....	....	....	....	....	13	13	2 01	14	14	1 40	....	....	....
....	....	....	....	....	....	....	....	....	13	12	2 51	1	1	1 00	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	6	6	1 40	....	....	....
12	12	$1 80	2	2	1 75	10	10	1 93	149	149	2 66	251	251	1 34	1	1	0 83
....	....	....	....	....	....	1	1	2 00	12	9	2 11	7	5	1 25	....	....	....
1	1	1 16	1	1	3 00	7	7	1 58	76	76	2 72	83	83	1 42	....	....	....
....	....	....	....	....	....	....	....	....	35	35	2 35	42	42	1 65	....	....	....
10	10	1 95	....	....	....	14	14	1 72	82	80	3 11	247	247	1 51	....	....	....
....	....	....	....	....	....	1	1	1 66	17	17	3 11	30	30	1 41	....	....	....
....	....	....	....	....	....	1	1	1 65	36	36	2 33	23	19	1 47	....	....	....
1	1	2 25	....	....	....	1	1	1 17	56	48	2 46	34	27	1 27	1	1	0 50
2	2	1 67	....	....	....	6	6	2 19	60	60	3 51	76	75	1 41	....	....	....
1	1	2 50	....	....	....	....	....	....	25	25	2 43	15	15	1 70	....	....	....
1	1	1 33	....	....	....	....	....	....	10	10	2 92	28	28	1 50	....	....	....
....	....	....	....	....	....	....	....	....	13	13	2 89	10	8	1 46	....	....	....
8	8	2 14	1	1	4 81	9	9	1 55	74	73	2 29	139	139	1 48	....	....	....
2	2	1 62	....	....	....	1	1	1 00	31	31	2 69	57	55	1 17	....	....	....
....	....	....	....	....	....	2	2	1 00	80	80	2 30	51	51	1 37	....	....	....
1	1	2 00	1	1	3 90	4	4	1 66	51	49	2 28	48	47	1 20	....	....	....
14	14	2 09	....	....	....	19	19	2 07	170	170	3 50	313	313	1 70	....	....	....
....	....	....	....	....	....	....	....	....	25	25	2 36	7	7	1 13	....	....	....
....	....	....	....	....	....	2	2	1 25	61	60	3 12	108	108	1 20	....	....	....
4	4	1 39	1	1	4 23	6	6	1 49	58	58	2 52	69	69	1 27	1	1	0 16
2	2	2 08	....	....	....	1	1	1 65	77	77	2 58	56	56	1 57	....	....	....
1	1	2 00	....	....	....	....	....	....	19	19	2 53	30	30	1 37	....	....	....
5	5	1 65	1	1	1 25	9	9	1 41	249	243	2 76	295	293	1 24	1	1	1 00
4	4	4 05	....	....	....	6	6	1 55	72	71	2 67	47	46	1 62	....	....	....
8	8	1 86	1	1	5 00	17	17	1 32	166	166	3 33	366	364	1 54	....	....	....
....	....	....	....	....	....	2	2	1 50	157	144	2 28	131	99	1 47	2	2	0 64
....	....	....	....	....	....	....	....	....	13	13	2 81	4	4	1 14	....	....	....
1	1	1 25	....	....	....	2	2	1 50	34	33	3 15	35	33	1 31	....	....	....
....	....	....	....	....	....	1	1	1 00	58	58	2 52	34	34	1 49	....	....	....
10	10	1 71	1	1	3 50	16	16	1 39	118	118	3 09	297	297	1 48	5	5	0 88
10	10	1 75	1	1	4 00	15	15	1 52	80	80	2 90	294	294	1 58	....	....	....
....	....	....	....	....	....	....	....	....	3	3	2 34	2	2	1 16	....	....	....
81	81	1 88	10	10	3 12	47	47	1 76	718	712	3 21	1,015	984	1 57	23	23	0 83
....	....	....	....	....	....	....	....	....	17	17	2 85	13	13	1 15	....	....	....
....	....	....	....	....	....	....	....	....	1	1	2 25	1	1	1 00	....	....	....
....	....	....	....	....	....	....	....	....	38	38	2 63	33	33	1 36	....	....	....
....	....	....	....	....	....	....	....	....	16	14	2 50	8	5	1 81	....	....	....
3	3	1 33	....	....	....	2	2	1 33	39	39	2 63	52	52	1 42	4	4	0 63
....	....	....	....	....	....	....	....	....	8	8	2 03	8	8	1 36	....	....	....
....	....	....	....	....	....	1	1	1 50	17	16	2 53	9	8	1 25	....	....	....
....	....	....	....	....	....	....	....	....	36	36	2 37	11	11	2 06	....	....	....
....	....	....	....	....	....	....	....	....	18	18	2 32	8	8	1 33	....	....	....

Digitized by Google

Summary of store

Number of inspection.	Name of county.	Number men employed as managers.	Number who receive wages.	Average daily wages.	Number women employed as managers.	Number who receive wages.	Average daily wages.	Number men employed as bookkeepers.	Number who receive wages.	Average daily wages.	Number women employed as bookkeepers.	Number who receive wages.	Average daily wages.	Number men employed as stenographers.	Number who receive wages.	Average daily wages.
21	Manistee	26	8	$3 99	1	1	$5 60	3	3	$2 51	4	4	$2 03	1	1	$2 50
135	Marquette	150	29	4 47	17	5	1 80	12	12	3 25	36	33	1 60	....	....	.....
23	Mason	29	2	5 50	4	....	.....	....	....	.....	9	9	1 68	....	....	.....
34	Mecosta	43	10	3 72	1	1	1 50	....	....	.....	4	4	1 69	....	....	.....
20	Menominee	22	3	4 38	1	1	4 00	2	2	3 00	6	6	2 10	....	....	.....
18	Midland	29	3	2 80	....	....	.....	....	....	.....	5	5	2 00	....	....	.....
7	Missaukee	9	2	6 25	....	....	.....	1	1	3 50	2	2	1 33	....	....	.....
18	Monroe	20	3	4 33	....	....	.....	3	2	3 75	4	4	2 06	....	....	.....
39	Montcalm	47	2	4 17	1	....	.....	2	2	3 33	4	4	1 35	....	....	.....
6	Montmorency	5	1	3 00	2	....	.....	....	....	.....	.....	.....	.....	....	....	.....
77	Muskegon	86	27	4 15	11	7	2.51	3	2	4 08	29	29	2 06	....	....	.....
7	Newaygo	9	.....	.....	....	....	.....	....	....	.....	2	2	1 83	....	....	.....
50	Oakland	59	12	3 57	4	....	.....	2	2	3 75	4	4	2 19	....	....	.....
4	Oceana	6	.....	.....	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....
25	Ogemaw	32	.....	.....	1	....	.....	....	....	.....	1	1	1 40	....	....	.....
31	Ontonagon	32	4	3 85	5	....	.....	2	2	2 50	6	6	1 55	....	....	.....
42	Osceola	55	.....	.....	4	1	2 50	1	1	3 00	4	4	1 53	....	....	.....
20	Otsego	20	.....	.....	1	....	.....	....	....	.....	1	1	0 75	....	....	.....
26	Ottawa	25	7	5 03	4	2	2 00	3	3	3 50	11	11	1 38	....	....	.....
26	Presque Isle	25	.....	.....	6	....	.....	....	....	.....	2	2	1 50	....	....	.....
5	Roscommon	6	.....	.....	1	....	.....	....	....	.....	.....	.....	.....	....	....	.....
42	Saginaw	60	37	4 98	7	6	2 97	8	8	3 23	33	33	1 88	....	....	.....
86	St. Clair	94	33	5 31	6	3	3 50	14	13	3 25	41	41	1 77	....	....	.....
18	St. Joseph	11	8	3 50	1	1	2 25	....	....	.....	.....	.....	.....	....	....	.....
53	Sanilac	58	22	3 06	2	1	3 33	1	1	2 50	5	5	1 48	....	....	.....
17	Schoolcraft	18	4	5 12	1	1	1 33	1	1	2 50	2	2	2 00	....	....	.....
20	Shiawassee	25	2	3 75	....	....	.....	2	1	2 33	12	12	1 75	....	....	.....
20	Tuscola	25	3	2 97	3	1	2 00	2	1	2 00	1	1	1 50	....	....	.....
37	Van Buren	47	4	3 45	3	....	.....	....	....	.....	3	3	2 08	....	....	.....
233	Washtenaw	267	36	4 09	11	2	2 50	19	19	2 90	59	59	1 63	....	....	.....
511	Wayne	850	561	8 39	162	118	5 05	198	197	4 08	440	440	2 40	12	12	3 08
26	Wexford	25	8	3 53	2	....	.....	1	1	3 50	4	4	2 00	....	....	.....
3,768	Totals	4,697	1,324	$6 28	505	260	$4 07	423	408	$3 73	1,377	1,365	$2 06	36	36	$2 45

Digitized by Google

inspection.—Continued.

Number women employed as stenographers.	Number who receive wages.	Average daily wages.	Number men employed as cashiers.	Number who receive wages.	Average daily wages.	Number women employed as cashiers.	Number who receive wages.	Average daily wages.	Number salesmen employed.	Number who receive wages.	Average daily wages.	Number saleladies employed.	Number who receive wages.	Average daily wages.	Number men cash clerks employed.	Number who receive wages.	Average daily wages.
....	....	.....	.....	.....	.....	4	4	$1 18	28	28	$2 61	59	59	$1 13	3	3	$0 75
6	6	$1 36	.....	.....	.....	8	8	1 10	161	157	2 73	168	164	1 34	1	1	0 60
1	1	1 00	.....	.....	.....	4	4	1 33	26	26	2 28	24	24	1 20	....	....	.....
....	....	.....	.....	.....	.....	.....	.....	.....	50	50	2 07	34	34	1 38	....	....	.....
2	2	1 25	.....	.....	.....	2	2	1 25	45	45	2 64	44	44	1 56	1	1	0 50
....	....	.....	.....	.....	.....	3	3	1 30	24	24	2 25	20	20	1 15	....	....	.....
1	1	1 92	2	2	$1 83	.....	.....	.....	19	19	2 53	5	5	1 05	....	....	.....
....	....	.....	.....	.....	.....	1	1	1 00	30	28	2 69	21	21	1 51	....	....	.....
1	1	1 33	.....	.....	.....	1	1	1 42	50	50	2 39	23	23	1 44	....	....	.....
....	....	.....	.....	.....	.....	.....	.....	.....	5	4	3 00	.....	.....	.....	....	....	.....
8	8	1 45	.....	.....	.....	13	13	1 34	122	121	3 01	235	229	1 39	6	6	0 75
....	....	.....	.....	.....	.....	.....	.....	.....	8	8	2 37	12	12	1 54	....	....	.....
1	1	4 00	.....	.....	.....	.....	.....	.....	44	44	2 70	24	24	1 41	2	2	0 95
....	....	.....	.....	.....	.....	1	1	1 35	6	6	2 38	6	6	1 14	....	....	.....
....	....	.....	.....	.....	.....	.....	.....	.....	14	14	2 18	2	2	2 25	....	....	.....
....	....	.....	.....	.....	.....	.....	.....	.....	21	21	2 40	21	20	1 49	....	....	.....
1	1	1 92	.....	.....	.....	1	1	1 35	39	39	2 39	14	14	1 41	....	....	.....
....	....	.....	.....	.....	.....	.....	.....	.....	19	16	2 31	9	8	1 88	1	1	0 50
1	1	3 00	.....	.....	.....	1	1	1 06	33	33	2 61	53	53	1 22	....	....	.....
....	....	.....	.....	.....	.....	.....	.....	.....	27	25	2 63	19	15	1 63	....	....	.....
....	....	.....	.....	.....	.....	.....	.....	.....	5	5	2 70	1	1	1 25	....	....	.....
13	13	1 86	1	1	3 33	17	17	1 86	117	117	3 01	274	274	1 43	4	4	0 77
12	12	1 39	.....	.....	.....	5	5	1 23	167	167	2 58	171	171	1 41	4	4	0 65
2	2	1 44	28	28	2 41	29	29	1 48	.....	.....	.....	.....	.....	.....	....	....	.....
....	....	.....	.....	.....	.....	.....	.....	.....	39	39	2 22	43	43	1 33	....	....	.....
....	....	.....	.....	.....	.....	3	3	2 17	32	32	3 34	33	33	1 87	....	....	.....
2	2	1 00	.....	.....	.....	2	2	1 17	32	32	2 57	92	92	1 57	3	3	0 52
....	....	.....	.....	.....	.....	1	1	1 50	16	15	2 26	26	26	1 61	....	....	.....
....	....	.....	.....	.....	.....	2	2	1 75	55	55	2 34	45	44	1 30	....	....	.....
15	15	1 80	.....	.....	.....	21	21	1 42	289	286	2 69	214	211	1 53	11	11	0 99
309	309	2 45	31	31	3 12	415	415	1 72	2,239	2,238	3 80	3,920	3,919	1 92	32	32	1 33
....	....	.....	.....	.....	.....	1	1	1 50	19	18	2 47	27	25	1 41	2	2	0 83
557	557	$2 16	83	83	$3 23	742	742	$1 67	7,092	7,021	$3 10	10177	10053	$1 64	110	110	$0 94

Digitized by Google

Summary of store

Number of inspection.	Name of county.	Number women employed as cash clerks.	Number who receive wages.	Average daily wages.	Number floorwalkers employed.	Number who receive wages.	Average daily wages.	Number elevator conductors employed.	Number who receive wages.	Average daily wages.	Number porters employed.	Number who receive wages.	Average daily wages.
8	Alcona												
15	Alger										1	1	$0 96
60	Allegan										1	1	2 00
60	Alpena										2	2	0 75
17	Antrim												
26	Arenac												
10	Baraga												
3	Barry												
70	Bay	11	11	$0 46	2	2	$2 75	5	5	$1 77	14	14	2 21
15	Benzie												
37	Berrien				2	2	2 38				4	4	1 88
11	Branch							1	1	1 95			
58	Calhoun	1	1	1 00	5	5	2 85	2	2	2 00	13	13	1 93
12	Cass										2	2	1 83
35	Charlevoix												
50	Cheboygan												
30	Chippewa							1	1	1 00	1	1	3 00
26	Clare										1	1	1 00
7	Clinton												
13	Crawford										1	1	0 50
34	Delta				2	2	3 25	3	3	1 25	3	3	0 42
41	Dickinson				1	1	2 75				1	1	0 40
69	Eaton										2	2	2 25
34	Emmet				1			1	1	2 00	3	3	1 05
50	Genesee	4	4	0 67	5	5	3 06	6	6	1 87	17	17	2 30
26	Gladwin												
64	Gogebic										1	1	0 90
20	Grand Traverse				1	1	4 81	1	1	1 54	2	2	1 30
61	Gratiot												
13	Hillsdale										2	2	1 25
174	Houghton	2	2	0 92	2	2	2 75	3	3	0 84	8	8	1 34
47	Huron												
71	Ingham	3	3	1 27	4	4	3 04	6	6	2 00	9	9	1 88
176	Ionia	3	3	0 88	2	2	2 50				5	5	1 56
18	Iosco												
42	Iron												
43	Isabella										1	1	0 83
41	Jackson	1	1	0 50	11	11	4 13	5	5	1 68	19	19	2 20
50	Kalamazoo				7	6	2 64	6	6	1 90	11	11	2 26
4	Kalkaska												
313	Kent	25	25	0 67	20	20	2 95	36	36	1 74	81	81	2 39
7	Keweenaw												
1	Lake												
32	Lapeer												
15	Leelanau										1	1	0 50
15	Lenawee										1	1	3 00
3	Livingston												
9	Luce												
15	Mackinac												
20	Macomb												
21	Manistee												
135	Marquette	1	1	1 15				1	1	0 83	7	7	1 86
23	Mason				1	1	1 33				1	1	1 50
34	Mecosta										1	1	1 00
20	Menominee										1	1	2 50

Digitized by Google

inspection.—Continued.

Number shipping clerks employed.	Number who receive wages.	Average daily wages.	Number delivery men employed.	Number who receive wages.	Average daily wages.	Number other men employed.	Number who receive wages.	Average daily wages.	Number other women employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
2	2	$2 50	1	1	$2 00	.....	.....	.....	.....	.....	.....	23	12	$23 80	$1 99
....	....	.....	3	3	2 24	1	1	$0 70	.....	.....	.....	48	30	65 74	2 19
....	....	.....	1	1	2 00	2	2	1 42	.....	.....	.....	132	150	317 05	2 11
1	1	2 00	27	27	1 54	2	2	1 00	.....	.....	.....	253	194	353 02	1 82
....	....	.....	1	1	1 50	5	5	0 72	.....	.....	.....	54	34	59 09	1 73
....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63	28	47 67	1 70
....	....	.....	2	2	2 00	.....	.....	.....	.....	.....	.....	28	18	47 41	2 63
....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	6	8 42	1 40
14	14	2 35	29	29	2 32	67	67	3 49	27	27	$1 07	711	665	1,457 62	2 19
....	....	.....	4	4	2 19	1	1	3 00	.....	.....	.....	41	21	40 25	1 92
5	5	2 27	11	11	2 07	21	21	2 34	32	32	1 18	312	271	555 75	2 05
....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	112	93	190 51	2 05
3	3	2 25	9	9	2 91	39	39	2 44	46	46	2 31	574	521	1,115 59	2 14
....	....	.....	1	1	1 66	3	3	4 35	.....	.....	.....	81	61	121 25	1 69
....	....	.....	7	6	2 59	1	1	0 66	1	1	0 33	117	69	140 00	2 03
2	2	2 50	14	14	1 86	4	4	2 50	.....	.....	.....	171	104	210 88	2 02
1	1	1 33	9	9	2 47	8	8	1 40	9	9	1 40	224	189	431 68	2 28
....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76	45	98 06	2 18
....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	43	79 02	1 84
....	....	.....	7	7	2 32	2	2	2 75	.....	.....	.....	48	33	74 67	2 26
8	8	2 41	10	10	1 81	21	21	2 50	6	6	1 68	360	325	653 73	2 01
1	1	1 55	5	5	2 33	2	2	3 37	.....	.....	.....	166	109	199 81	1 83
....	....	.....	2	2	1 67	13	13	1 67	7	7	1 07	260	175	335 29	1 92
....	....	.....	12	12	1 75	5	5	1 78	2	2	1 75	187	134	242 46	1 81
11	11	3 62	39	39	3 35	87	87	3 94	54	54	1 76	857	820	2,197 33	2 68
....	....	.....	1	1	2 00	.....	.....	.....	.....	.....	.....	69	38	80 74	2 12
1	1	2 85	21	21	2 82	9	9	2 06	6	6	0 91	321	238	484 18	2 06
2	2	2 15	10	10	2 38	13	13	1 79	7	7	1 69	227	208	434 15	2 08
....	....	.....	7	7	2 23	18	18	2 37	8	8	2 59	260	180	393 64	2 19
....	....	.....	.....	.....	.....	4	4	2 05	7	7	1 18	90	76	137 69	1 81
8	8	2 68	74	71	2 13	36	35	2 45	16	16	1 50	1,007	788	1,591 54	2 02
1	1	3 33	9	9	2 03	14	14	2 13	2	2	1 87	237	203	500 44	2 48
7	7	3 21	22	22	2 76	41	41	2 83	28	28	1 52	838	765	1,726 34	2 26
....	....	.....	1	1	1 33	2	2	2 75	.....	.....	.....	534	290	562 32	1 94
....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39	19	47 85	2 52
....	....	.....	13	13	2 77	2	1	0 50	.....	.....	.....	152	92	208 53	2 26
....	....	.....	2	2	1 50	11	11	1 73	.....	.....	.....	172	116	233 38	2 01
9	9	2 73	25	25	2 36	77	77	2 66	38	38	1 62	728	724	1,681 68	2 32
9	9	2 65	20	20	1 84	63	63	2 63	51	51	1 69	673	654	1,450 90	2 22
....	....	.....	1	1	1 75	1	1	2 17	.....	.....	.....	13	7	13 24	1 89
49	49	2 73	108	108	2 33	390	390	3 28	379	379	1 60	3,622	3,319	7,921 66	2 39
....	....	.....	6	6	2 55	1	1	2 25	.....	.....	.....	52	45	109 80	2 44
....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	3 25	1 62
2	2	1 25	5	5	1 51	7	7	2 67	1	1	0 50	139	108	226 47	2 10
....	....	.....	2	2	2 00	2	1	2 50	.....	.....	.....	47	26	58 25	2 24
1	1	2 75	1	1	4 00	8	8	2 17	14	14	1 12	154	136	269 16	1 98
....	....	.....	.....	.....	.....	2	2	1 63	.....	.....	.....	23	19	33 73	1 78
....	....	.....	2	2	3 12	.....	.....	.....	.....	.....	.....	40	30	65 05	2 17
....	....	.....	5	5	2 20	3	3	2 66	.....	.....	.....	79	60	140 80	2 35
....	....	.....	3	3	2 33	3	3	2 28	.....	.....	.....	56	36	76 72	2 13
1	1	1 65	6	6	1 89	3	3	2 05	.....	.....	.....	139	121	220 69	1 82
4	4	2 47	88	88	2 06	30	29	2 59	14	14	1 58	704	559	1,200 95	2 15
....	....	.....	10	10	1 85	15	15	2 43	1	1	0 75	125	94	180 06	1 91
....	....	.....	6	6	1 58	9	9	1 48	4	4	1 27	152	119	224 68	1 88
....	....	.....	3	3	1 92	4	4	2 62	2	2	1 25	135	116	250 58	2 16

Digitized by Google

Summary of store

Number of inspection.	Name of county.	Number women employed as cash clerks.	Number who receive wages.	Average daily wages.	Number floorwalkers employed.	Number who receive wages.	Average daily wages.	Number elevator conductors employed.	Number who receive wages.	Average daily wages.	Number porters employed.	Number who receive wages.	Average daily wages.
18	Midland												
7	Missaukee										1	1	$2 50
18	Monroe												
39	Montcalm												
6	Montmorency												
77	Muskegon				2	2	$2 75	2	2	$1 38	3	3	2 14
7	Newaygo												
50	Oakland												
4	Oceana										1	1	1 35
25	Ogemaw												
31	Ontonagon												
42	Osceola												
20	Otsego												
26	Ottawa							1	1	2 35	1	1	1 66
26	Presque Isle												
5	Roscommon												
42	Saginaw	21	21	$0 63	7	7	2 99	5	5	2 07	13	13	1 99
86	St. Clair				4	4	4 38	4	4	1 00	5	5	2 53
18	St. Joseph												
53	Sanilac												
17	Schoolcraft										1	1	1 00
20	Shiawassee				1	1	2 00	2	2	1 91	1	1	2 17
20	Tuscola												
37	Van Buren										1	1	1 00
233	Washtenaw	3	3	0 53	3	3	3 52	3	3	1 50	7	7	1 75
511	Wayne	362	362	1 00	147	147	4 16	165	165	2 25	403	403	2 49
26	Wexford												
3,768	Totals	437	437	$0 94	230	228	$3 80	259	259	$2 05	654	654	$2 32

Digitized by Google

inspection.—Concluded.

Number shipping clerks employed.	Number who receive wages.	Average daily wages.	Number delivery men employed.	Number who receive wages.	Average daily wages.	Number other men employed.	Number who receive wages.	Average daily wages.	Number other women employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
....	....	.....	.....	.....	.....	1	1	$3 00	.....	.....	.....	82	56	$112 69	$2 01
....	....	.....	2	2	$2 33	.....	.....	.....	.....	.....	.....	42	35	84 63	2 42
....	....	.....	5	5	2 55	13	13	2 07	8	8	$1 00	105	85	183 42	2 16
1	1	$2 66	2	2	2 34	7	7	1 41	1	1	1 50	140	94	194 24	2 07
....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	5	15 00	3 00
4	4	2 64	26	26	2 40	65	65	3 09	50	50	1 28	665	594	1,267 24	2 13
....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31	22	41 12	1 87
....	....	.....	2	2	2 00	56	56	4 34	.....	.....	.....	198	147	464 61	3 16
....	....	.....	2	2	2 25	1	1	2 30	.....	.....	.....	23	17	30 57	1 79
....	....	.....	1	1	2 25	.....	.....	.....	.....	.....	.....	51	18	38 70	2 15
....	....	.....	16	16	2 47	1	1	3 00	1	1	0 75	105	71	153 12	2 04
....	....	.....	3	3	1 97	4	4	2 16	.....	.....	.....	126	68	142 26	2 09
1	1	2 00	.....	.....	.....	.....	.....	.....	1	1	1 58	53	28	55 21	1 97
2	2	2 63	6	6	2 11	15	15	2 03	10	10	0 76	166	146	279 72	1 92
....	....	.....	4	4	2 48	.....	.....	.....	1	1	1 50	84	47	104 75	2 22
....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	6	14 75	2 46
14	14	2 48	21	21	2 35	42	42	2 61	50	50	1 48	707	683	1,434 88	2 10
9	9	2 78	41	41	2 09	59	59	2 41	17	17	1 40	653	588	1,310 56	2 23
....	....	.....	3	3	1 83	.....	.....	.....	.....	.....	.....	74	71	149 12	2 10
....	....	.....	.....	.....	.....	5	5	2 02	.....	.....	.....	153	116	234 68	2 02
....	....	.....	4	4	2 50	2	2	2 67	.....	.....	.....	97	83	220 33	2 65
....	....	.....	4	4	2 31	4	4	2 46	11	11	1 04	193	169	309 30	1 83
....	....	.....	4	4	1 88	3	3	2 50	4	4	2 85	85	59	118 02	2 00
....	....	.....	.....	.....	.....	5	5	2 77	.....	.....	.....	161	114	224 26	1 97
9	9	2 55	38	38	2 29	153	153	3 10	23	23	1 38	1,145	899	2,108 21	2 35
233	233	3 28	716	716	2 57	2,352	2,352	2 89	1,891	1,891	1 97	14,877	14,541	40,369 42	2 78
....	....	.....	1	1	2 50	5	5	3 00	.....	.....	.....	87	65	140 05	2 15
415	415	$3 00	1,546	1,542	$2 40	3,845	3,841	$2 86	2,830	2,830	$1 83	36,015	32,165	$79,395 43	$2 46

Digitized by Google

SUMMARY OF STORE INSPECTION.

Number of stores inspected in 1917	3,768
Number men employed as managers	4,697
Number who receive wages	1,324
Average daily wages	$6.28
Number women employed as managers	505
Number who receive wages	260
Average daily wages	$4.07
Number men employed as bookkeepers	423
Number who receive wages	408
Average daily wages	$3.73
Number women employed as bookkeepers	1,377
Number who receive wages	1,365
Average daily wages	$2.06
Number men employed as stenographers	36
Number who receive wages	36
Average daily wages	$2.45
Number women employed as stenographers	557
Number who receive wages	557
Average daily wages	$2.16
Number men employed as cashiers	83
Number who receive wages	83
Average daily wages	$3.23
Number women employed as cashiers	742
Number who receive wages	742
Average daily wages	$1.67
Number salesmen employed	7,092
Number who receive wages	7,021
Average daily wages	$3.10
Number salesladies employed	10,177
Number who receive wages	10,053
Average daily wages	$1.64
Number men cash clerks employed	110
Number who receive wages	110
Average daily wages	$0.94
Number women employed as cash clerks	437
Number who receive wages	437
Average daily wages	$0.94
Number floorwalkers employed	230
Number who receive wages	228
Average daily wages	$3.80
Number elevator conductors employed	259
Number who receive wages	259
Average daily wages	$2.05

Digitized by Google

Number porters employed	654
Number who receive wages	654
Average daily wages	$2.32
Number shipping clerks employed	415
Number who receive wages	415
Average daily wages	3.00
Number deliverymen employed	1,546
Number who receive wages	1,542
Average daily wages	$2.40
Number other men employed	3,845
Number who receive wages	3,841
Average daily wages	$2.86
Number other women employed	2,830
Number who receive wages	2,830
Average daily wages	$1.83
Whole number employed	36,015
Number who receive wages	32,165
Aggregate daily wages	$79,395.43
Average daily wages	$2.46

Digitized by Google

Digitized by Google

INSPECTION HOTELS AND RESTAURANTS

Digitized by Google

Digitized by Google

HOTEL INSPECTION.

Name of hotel, town where located, number persons employed.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	Alcona County.				
Aug. 18	Cottage Hotel	Harrisville	.....	3	3
Aug. 17	MacDonald House, The	Harrisville	3	4	7
Aug. 17	Clear Springs Hotel	Lincoln	1	2	3
	Alger County.				
May 9	Beach Inn, The	Munising	5	7	12
May 11	Bellvue Hotel	Munising	1	4	5
May 10	Moore House	Munising	1	3	4
May 10	Superior Hotel	Munising	2	3	5
	Allegan County.				
Oct. 3	Bracelin Hotel	Allegan	1	3	4
Oct. 3	New City Hotel	Allegan	1	1	2
Oct. 3	Sherman House	Allegan	2	6	8
Sept. 17	Douglass House	Douglass	.....	4	4
Sept. 18	Hamilton House	Hamilton	1	1	2
Oct. 6	Murray's Tavern	Otsego	2	5	7
Oct. 8	Metzger Hotel	Plainwell	2	2	4
Sept. 17	Butler Hotel	Saugatuck	2	12	14
Sept. 17	Davis Hotel	Saugatuck	1	3	4
Sept. 27	New Wayland House	Wayland	2	3	5
	Alpena County.				
Aug. 4	Columbia House	Alpena	.....	2	2
July 28	Every House	Alpena	1	5	6
July 26	Janieson Boarding House	Alpena	1	5	6
July 21	McDonald House	Alpena	1	2	3
Aug. 2	New Alpena House	Alpena	10	8	18
Aug. 1	Republic Hotel	Alpena	2	5	7
Aug. 14	Richelieu Hotel	Alpena	1	3	4
July 21	Union Hotel, The	Alpena	5	8	13
Aug. 8	Lachine Hotel	Lachine	1	3	4
	Antrim County.				
April 23	New Alba Hotel	Alba	1	.....	1
April 23	Tuttle House, The	Alba	1	1	2
April 13	Riverside Hotel, The	Bellaire	1	5	6
April 20	Mecca Hotel	Elk Rapids	1	3	4
April 20	Vallier Hotel, The	Elk Rapids	1	5	6
April 12	New Orient Hotel, The	Ellsworth	1	1	2
April 24	Brown Hotel	Mancelona	1	1	2
April 25	Burke Hotel	Mancelona	2	5	7
April 24	Handy Hotel	Mancelona	1	5	6
April 25	Park Hotel	Mancelona	1	2	3

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	Baraga County.				
Aug. 28	Thomas Hotel, The	L'Anse	2	3	5
	Barry County.				
Aug. 30	Barry Hotel	Hastings	3	5	8
Aug. 30	Parker House	Hastings	3	9	12
Sept. 7	Inn, The	Middleville	2	2	4
	Bay County.				
Sept. 18	Green's Hotel	Auburn	3	1	4
Oct. 18	Forest City Hotel	Bay City	6	10	16
	Benzie County.				
Dec. 7	Beulah Inn, The	Beulah	1	2	3
Oct. 1	Park Hotel	Frankfort	2	12	14
Oct. 1	Pratt Hotel	Frankfort	3	10	13
Oct. 1	Yeasel Hotel	Frankfort	2	5	7
Dec. 1	New Nichols Hotel	Honor	1	3	4
Sept. 29	Diamond Hotel	Thomsonville	3	5	8
	Berrien County.				
Nov. 26	Benton Hotel	Benton Harbor	9	11	20
Nov. 26	Dwan Hotel	Benton Harbor	5	7	12
Dec. 14	Eastland Hotel	Benton Harbor	4	4	8
Dec. 14	Fonger House	Benton Harbor	2	4	6
Dec. 7	Saltzman Hotel	Benton Harbor	5	5	10
Nov. 21	Lee Hotel	Buchanan	2	8	10
Nov. 19	New Forler Hotel	Niles	4	3	7
Nov. 17	Pike House, The	Niles	4	6	10
Dec. 14	Lake View Hotel	St. Joseph	7	3	10
Dec. 14	Whitcomb Hotel	St. Joseph	13	16	29
	Branch County.				
Dec. 27	Arlington Hotel	Coldwater	7	9	16
Jan. 4	Fillmore Hotel	Quincy	3	5	8
	Calhoun County.				
Nov. 14	Albion Hotel	Albion	4	8	12
Oct. 11	Clifton House	Battle Creek	2	6	8
Oct. 9	Post Tavern	Battle Creek	80	59	139
Nov. 20	Calhoun Hotel	Homer	3	5	8
July 11	Crescent Hotel	Marshall	1	1	2
Nov. 6	Friend's Inn	Marshall	4	3	7
Nov. 19	Home Hotel	Tekonsha	1	2	3
	Cass County.				
Nov. 12	Goodwin Hotel	Cassopolis	4	5	9
Nov. 9	Doe Wah Jack Hotel	Dowagiac	.....	6	6
Nov. 9	Elkeston Hotel	Dowagiac	3	6	9
Nov. 13	Frank's Tavern	Marcellus	1	2	3

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	CHARLEVOIX COUNTY.				
May 23	Wolverine Hotel	Boyne City	3	8	11
May 29	Marsh Hotel	Boyne Falls	1	7	8
June 19	Belvedere Hotel	Charlevoix	24	59	83
June 19	Charlevoix Beach Hotel	Charlevoix	26	72	102
June 4	Charlevoix Hotel	Charlevoix	3	10	13
June 4	Ferguson House	Charlevoix	1	5	6
June 19	Fountain City House, The	Charlevoix	1	11	12
June 19	Hallett Hotel	Charlevoix	4	17	21
June 14	Commercial House	East Jordan	1	4	5
June 14	New Russell, The	East Jordan	1	6	7
June 21	Beaver Hotel	St. James	1	8	9
	CHEBOYGAN COUNTY.				
Sept. 1	American House	Cheboygan	3	2	5
Aug. 30	Charles Hotel	Cheboygan	3	3	6
Sept. 1	Columbian Hotel	Cheboygan	2	1	3
Aug. 30	Karwik Hotel	Cheboygan	2	3	5
Sept. 31	New Cheboygan Hotel	Cheboygan	10	8	18
Aug. 31	Summit House	Cheboygan	2	4	6
Sept. 7	New Mackinaw Hotel	Mackinaw City	.....	3	3
Sept. 7	Stimpson House	Mackinaw City	2	9	11
Sept. 7	Stringfelow, Andrew, Boarding House	Mackinaw City	1	2	3
Sept. 7	Wawatam Hotel	Mackinaw City	1	2	3
Sept. 7	Windemere Hotel, The	Mackinaw City	1	4	5
Sept. 8	Campbell's Hotel	Wolverine	1	3	4
Sept. 8	Weber House	Wolverine	.....	2	2
	CHIPPEWA COUNTY.				
Jan. 24	Alto Hotel, The	Sault Ste. Marie	3	9	12
Jan. 24	American Hotel	Sault Ste. Marie	3	3	6
Jan. 23	Belvidere Hotel	Sault Ste. Marie	4	4	8
Jan. 22	Chippewa House	Sault Ste. Marie	.....	3	3
Jan. 24	Commercial House	Sault Ste. Marie	4	3	7
Jan. 23	Detroit Hotel	Sault Ste. Marie	2	1	3
Jan. 21	Franklin House	Sault Ste. Marie	4	1	5
Jan. 26	Gilbert House, The	Sault Ste. Marie	2	2	4
Jan. 23	Hickler House	Sault Ste. Marie	2	2	4
Jan. 23	Lock City Hotel	Sault Ste. Marie	4	2	6
Jan. 24	Lock View Hotel	Sault Ste. Marie	2	2	4
Jan. 24	Montreal House	Sault Ste. Marie	3	1	4
Jan. 21	Murray Hill Hotel	Sault Ste. Marie	8	12	20
Jan. 21	Northwest Hotel	Sault Ste. Marie	3	3	6
Jan. 21	Park Hotel	Sault Ste. Marie	18	17	35
Jan. 21	Sherman House	Sault Ste. Marie	3	4	7
Jan. 23	Superior Hotel	Sault Ste. Marie	4	2	6
Jan. 24	Tremont House	Sault Ste. Marie	1	2	3
Jan. 24	Water Power Hotel	Sault Ste. Marie	3	3	6
Jan. 23	Wayne Hotel	Sault Ste. Marie	3	.....	3
Feb. 2	Trout Lake House	Trout Lake	4	7	11
	CLARE COUNTY.				
Nov. 17	Calkins House	Clare	3	6	9

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	CLINTON COUNTY.				
Aug. 21	Bath Hotel	Bath	1	2	3
Aug. 10	Eagle Hotel	Eagle	1	1	2
Aug. 27	Sowersby Hotel	Elsie	2	4	6
Aug. 23	Fowler House	Fowler	2	2	4
Aug. 25	Farmers Hotel	St. Johns	1	2	3
Aug. 25	Steel Hotel, The	St. Johns	3	7	10
Aug. 25	St. John's House	St. Johns	1	1	2
	CRAWFORD COUNTY.				
Sept. 24	Burton Hotel	Grayling	2	5	7
Sept. 24	Manistee House	Grayling	1	3	4
Sept. 23	New Russell Hotel	Grayling	1	5	6
Sept. 22	Shoppenagons Inn	Grayling	3	11	14
	DELTA COUNTY.				
April 9	Colonial Hotel	Escanaba	3	5	8
April 21	Commercial Hotel	Escanaba	1	1	2
April 17	Delta Hotel	Escanaba	18	23	41
April 20	Main Hotel, The	Escanaba	2	3	5
April 16	New Ludington Hotel	Escanaba	8	17	25
April 14	St. Clair Hotel	Escanaba	2	3	5
April 19	Sherman House	Escanaba	1	5	6
April 16	Stephenson Hotel	Escanaba	2	1	3
May 2	Commercial Hotel	Gladstone	1	5	6
May 4	New Gladstone Hotel	Gladstone	1	2	3
April 30	Nahma Hotel, The	Nahma	1	4	5
	DICKINSON COUNTY.				
Jan. 15	Harding Hotel	Iron Mountain	4	8	12
Jan. 7	Milliman Hotel, The	Iron Mountain	9	16	25
Jan. 17	Norway Hotel	Norway	1	3	4
	EATON COUNTY.				
June 15	Dyer House	Bellevue	1	4	5
June 9	Peninsular Hotel	Charlotte	1	1	2
June 5	Phoenix Hotel	Charlotte	3	4	7
June 7	Williams Hotel	Charlotte	3	4	7
June 13	Geib Hotel	Eaton Rapids	2	3	5
June 19	City Hotel	Grand Ledge	1	1	2
June 19	Field House	Grand Ledge	1	2	3
June 19	Grand Ledge House	Grand Ledge	1	1	2
June 16	Montrose Hotel	Vermontville	1	1	2
	EMMET COUNTY.				
June 18	Bay View House	Bay View	14	47	61
June 18	Howard Hotel	Bay View	8	12	20
June 18	Kenilworth Hotel	Bay View	1	11	12
June 22	Harbor Point Club House	Harbor Point	21	63	84
June 22	Emmet House, The	Harbor Springs	11	17	28
May 16	Charles Hotel	Levering	1	3	4
May 16	Mallory Hotel	Levering	1	3	4
May 16	Campbell Hotel, The	Pellston	2	3	5
May 16	Commercial Hotel	Pellston	1	3	4
May 3	New Braun Hotel, The	Petoskey	3	2	5

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	EMMET CO.—*Con.*				
June 23	Clark's Tavern	Petoskey	1	14	15
May 5	Cushman House, The	Petoskey	13	24	37
June 23	Franklin Hotel	Petoskey	4	14	18
April 30	Park House	Petoskey	2	5	7
April 30	Perry Hotel, The	Petoskey	7	7	14
June 22	Roaring Brook Inn	Roaring Brook	9	25	34
June 22	Ramona Hotel	Ramona	10	15	25
June 22	Colonial Hall	Wequetonsing	7	32	39
June 22	Wequetonsing Hotel	Wequetonsing	13	52	65
	GENESEE COUNTY.				
Nov. 27	Fenton Hotel	Fenton	5	3	8
Dec. 24	Bryant Hotel	Flint	7	13	20
Dec. 24	Crystal Hotel	Flint	6	15	21
Dec. 22	Dayton House	Flint	4	8	12
Dec. 21	Dresden Hotel	Flint	17	32	49
Dec. 22	Dunlap Hotel	Flint	1	6	7
Dec. 21	Oak Park Ian	Flint	1	.....	1
Dec. 24	Reed Hotel	Flint	2	6	8
Dec. 24	Sherman Hotel	Flint	2	1	3
Dec. 22	Swartz Creek Hotel	Swartz Creek	1	1	2
	GLADWIN COUNTY.				
Oct. 4	Graham House, The	Gladwin	2	6	8
Oct. 8	Pierce Hotel	Beaverton	1	3	4
	GOGEBIC COUNTY.				
Dec. 7	Gogebic House	Bessemer	1	5	6
Dec. 13	Michigan House	Bessemer	1	3	4
Dec. 7	Northwestern Hotel	Bessemer	1	2	3
Nov. 30	Bartlett Hotel, The	Ironwood	1	2	3
Dec. 30	Curry Hotel, The	Ironwood	8	14	22
Dec. 6	Dalton Hotel	Ironwood	1	8	9
Dec. 1	St. James Hotel	Ironwood	11	18	29
Dec. 1	Walker House	Ironwood	2	3	5
Dec. 19	Wakefield Hotel	Wakefield	2	5	7
	GRAND TRAVERSE COUNTY.				
May 17	Grawn Hotel	Grawn	1	1	2
May 16	De France Hotel	Kingsley	1	2	3
May 11	Columbia Hotel	Traverse City	1	1	2
May 11	European Hotel	Traverse City	.....	2	2
May 12	Park Place Hotel	Traverse City	12	20	32
May 14	Pere Marquette Hotel	Traverse City	.....	5	5
May 14	Shilson Hotel	Traverse City	1	2	3
May 8	Sunny Bank Hotel	Traverse City	1	3	4
May 15	Whiting Hotel	Traverse City	7	13	20
	GRATIOT COUNTY.				
May 15	Alma Hotel	Alma	2	4	6
May 15	Wright House	Alma	9	12	21
May 19	Ithaca Hotel	Ithaca	1	1	2
May 19	Seaver Hotel	Ithaca	2	8	10
May 24	Park Hotel	St. Louis	4	11	15

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	HILLSDALE COUNTY.				
Jan. 5	Keefer Hotel, The	Hillsdale	6	11	17
	HOUGHTON COUNTY.				
Oct. 17	Arlington Hotel	Calumet	4	2	6
Oct. 11	Central House	Calumet	5	16	21
Oct. 15	Michigan Hotel	Calumet	4	2	6
Aug. 30	Chassell House	Chassell	1	3	4
Sept. 20	Milwaukee Hotel	Hancock	1	1	2
Sept. 21	Northwestern Hotel	Hancock	2	2	4
Sept. 21	Salo Hotel	Hancock	1	3	4
Sept. 20	Scott Hotel	Hancock	11	14	25
Sept. 7	Dee Hotel	Houghton	.....	2	2
Sept. 11	Douglass House	Houghton	16	22	38
Sept. 7	Jewell Hotel	Houghton	1	2	3
Sept. 7	Hotel Knauf, The	Houghton	5	15	20
Nov. 12	Larose Hotel	Lake Linden	1	2	3
Nov. 9	Lake Linden Hotel	Lake Linden	.....	6	6
Oct. 25	Central Hotel	Laurium	1	4	5
Oct. 25	Lorraine Hotel	Laurium	1	6	7
Oct. 27	Palace Hotel	Laurium	2	8	10
	HURON COUNTY.				
Nov. 17	Irwin Hotel, The	Bad Axe	6	5	11
Nov. 17	Morrow Hotel	Bad Axe	5	8	13
Nov. 17	Schrader Hotel	Bad Axe	3	2	5
Nov. 21	Bay Port Hotel	Bay Port	1	6	7
Dec. 4	Smalley Hotel	Caseville	4	3	7
Nov. 20	Commercial Hotel	Elkton	3	3	6
Nov. 14	American House	Harbor Beach	2	.....	2
Nov. 14	Bolly Hotel	Harbor Beach	2	2	4
Nov. 14	Dow Hotel	Harbor Beach	3	4	7
Nov. 14	Wilson Hotel	Harbor Beach	4	4	8
Nov. 26	Central Hotel	Kinde	3	2	5
Dec. 4	Owendale House	Owendale	3	3	6
Nov. 21	Heasty Hotel	Pigeon	4	5	9
Nov. 27	Grates Hotel	Port Austin	2	.....	2
Nov. 27	Point of Pines Hotel	Port Austin	2	3	5
Nov. 15	Lakeview Hotel	Port Hope	3	2	5
Nov. 13	Sherman Hotel, The	Ruth	3	2	5
Nov. 22	American House	Sebewaing	2	2	4
Nov. 22	Hannah Hotel	Sebewaing	3	2	5
Nov. 24	Arlington Hotel	Ubly	3	4	7
Nov. 24	Sinclair Hotel, The	Ubly	2	2	4
	INGHAM COUNTY.				
Sept. 11	Butler Hotel	Lansing	3	2	5
Oct. 13	Detroit Hotel	Lansing	4	3	7
Sept. 11	Downey Hotel	Lansing	31	50	81
Aug. 11	Plaza Hotel	Lansing	3	4	7
Oct. 11	Reo Grand Hotel	Lansing	2	4	6
Aug. 13	Wentworth Hotel	Lansing	18	28	46
July 24	Brown Hotel	Leslie	1	3	4
July 5	Hotel Hawley	Mason	4	3	7
July 5	Sweeney Hotel	Mason	2	4	6
Aug. 10	Hurst House, The	Stockbridge	1	2	3
July 26	Glaser Hotel	Williamston	1	4	5

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	IONIA COUNTY.				
Aug. 15	Belding Hotel	Belding	5	7	12
Aug. 13	National Hotel	Belding	1	4	5
Aug. 31	Lenhard's Tavern	Clarksville	1	3	4
Aug. 31	Cline Hotel	Elmdale	.....	2	2
Aug. 21	Grande Hotel	Hubbardston	1	1	2
Aug. 3	Brown-Williston Hotel, The	Ionia	5	11	16
Aug. 21	Burke Hotel	Lake Odessa	1	3	4
Aug. 3	Good Shepard Hotel	Lake Odessa	2	4	6
Aug. 29	Odessa Hotel	Lake Odessa	1	2	3
Aug. 18	Muir Hotel	Muir	1	3	4
Aug. 21	Pewamo House	Pewamo	1	2	3
Aug. 25	Divine Hotel	Portland	4	5	9
Aug. 24	Worden Hotel	Portland	.....	2	2
Sept. 15	Commercial Hotel	Saranac	1	3	4
	IRON COUNTY.				
Dec. 26	Green Hotel	Crystal Falls	1	2	3
Dec. 28	Lockwood Hotel	Crystal Falls	3	9	12
Dec. 20	Moberg Hotel	Crystal Falls	1	6	7
Jan. 5	Iron Inn, The	Iron River	3	4	7
Dec. 31	Ludington Hotel	Iron River	1	5	6
Dec. 31	New Boyington, The	Iron River	4	8	12
Jan. 20	Piper House	Iron River	2	4	6
	ISABELLA COUNTY.				
April 28	Bennett House, The	Mt. Pleasant	4	8	12
May 2	Taylor House	Shepherd	2	4	6
	JACKSON COUNTY.				
Aug. 23	New Brooklyn House	Brooklyn	1	2	3
Aug. 23	Crawford Hotel	Jackson	5	2	7
Aug. 30	Dalton Hotel	Jackson	24	7	31
Aug. 31	Garage Hotel	Jackson	3	2	5
Aug. 28	Otsego Hotel	Jackson	39	33	72
Aug. 13	Ruhl Hotel	Jackson	9	3	12
Aug. 23	Stowell House	Jackson	4	3	7
Aug. 31	Springport Hotel, The	Springport	.....	2	2
	KALAMAZOO COUNTY.				
Dec. 1	Burdick Hotel	Kalamazoo	50	25	75
Nov. 10	Columbia Hotel	Kalamazoo	7	13	20
Dec. 19	Ehrmann Hotel	Kalamazoo	2	1	3
Dec. 19	Germania Hotel	Kalamazoo	3	4	7
Nov. 10	Holt Hotel	Kalamazoo	1	1	2
Dec. 19	Library Park Hotel	Kalamazoo	1	1	2
Dec. 19	New Michigan Hotel	Kalamazoo	1	1	2
Nov. 24	Park-American Hotel	Kalamazoo	25	19	44
Dec. 18	Portage Hotel	Kalamazoo	3	2	5
Dec. 18	Reynolds Hotel	Kalamazoo	2	2	4
Dec. 19	Rickman Hotel	Kalamazoo	7	8	15
Dec. 19	Savoy Hotel	Kalamazoo	1	1	2
Dec. 19	Willard's Berghoff Hotel	Kalamazoo	3	2	5
Dec. 19	Windsor Hotel	Kalamazoo	1	.....	1
Dec. 5	McElvain Hotel	Vicksburg	3	4	7

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	KALKASKA COUNTY.				
April 26	Eagle Hotel	Kalkaska	1	3	4
April 26	Hammond Hotel	Kalkaska	1	1	2
April 26	Sieting Hotel	Kalkaska	2	5	7
April 26	Rapid City House	Rapid City	1	1	2
April 25	Olin House	South Boardman	1	1	2
	KENT COUNTY.				
Sept. 18	Ada Hotel	Ada	1	2	3
Sept. 24	Alto Hotel	Alto	1	2	3
Oct. 12	Casnovia Hotel	Casnovia	1	3	4
Dec. 3	River Site Hotel	Comstock Park	2	2	4
Oct. 4	Central Hotel	Cedar Springs	1	6	7
Jan. 8	Albany Hotel	Grand Rapids	2	4	6
Jan. 8	Alto Hotel	Grand Rapids	4	1	5
Jan. 8	Campau Hotel	Grand Rapids	4	3	7
Jan. 4	Charlevoix Hotel	Grand Rapids	4	4	8
Jan. 14	Cody Hotel	Grand Rapids	10	12	22
Dec. 21	Columbia Hotel	Grand Rapids	3	6	9
Jan. 4	Crathmore Hotel	Grand Rapids	16	29	45
Dec. 3	Eagle Hotel	Grand Rapids	7	4	11
Jan. 2	Herkimer Hotel	Grand Rapids	10	12	22
Jan. 4	Hermitage Hotel	Grand Rapids	10	11	21
Jan. 14	Livingston Hotel	Grand Rapids	14	11	25
Jan. 23	Morton Hotel, The	Grand Rapids	60	40	100
Dec. 31	New Hotel Mertens	Grand Rapids	11	20	31
Jan. 17	Pantlind Hotel	Grand Rapids	118	113	231
Sept. 14	Portland Hotel	Grand Rapids	1	3	4
Dec. 31	Wellington European Hotel, The	Grand Rapids	5	3	8
Oct. 11	Bowen Hotel, The	Kent City	1	3	4
Sept. 7	Waverly Hotel	Lowell	3	7	10
Oct. 10	Betts House, The	Rockford	2	2	4
Oct. 2	Park Hotel, The	Sand Lake	1	3	4
	KEWEENAW COUNTY.				
Nov. 14	Ahmeek Hotel	Ahmeek	1	4	5
	LAKE COUNTY.				
May 16	Commercial Hotel	Baldwin	1	1	2
May 16	Fenner Hotel	Baldwin	1	4	5
May 16	Pacific Hotel	Baldwin	2	8	10
May 18	Mathews Hotel	Luther	.....	3	3
	LAPEER COUNTY.				
Dec. 5	Markle Hotel	Clifford	1	1	2
Dec. 8	McKinley House	Imlay City	1	2	3
Dec. 8	Palmer House, The	Imlay City	2	4	6
Dec. 15	Elaine Hotel	Lapeer	5	7	12
Dec. 6	Melanie Hotel	North Branch	3	5	8
Dec. 6	New North Branch Hotel	North Branch	2	4	6
	LEELANAU COUNTY.				
Dec. 5	Western Hotel	Empire	2	3	5
Dec. 4	Leelanau Hotel	Leeland	2	3	5
Dec. 4	Riverside Inn	Leeland	2	6	8
Oct. 5	O-Sa-Be-Win-Ning Hotel	Northport	1	3	4
Oct. 4	Suttons Bay Hotel, The	Suttons Bay	1	3	4

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	LENAWEE COUNTY.				
Dec. 14	Gregg Hotel	Adrian	8	8	16
Dec. 14	Tavern Hotel, The	Adrian	2	4	6
Dec. 7	Tavern, The	Blissfield	2	3	5
Nov. 30	Clintonian, The	Clinton	2	2	4
Dec. 21	Comstock, The	Hudson	3	3	6
Dec. 13	Saulsbury Hotel	Morenci	1	5	6
Dec. 10	Barrett Hotel	Tecumseh	4	4	8
	LIVINGSTON COUNTY.				
Nov. 15	Lockwood Hotel	Fowlerville	.....	4	4
Nov. 14	Livingston Hotel	Howell	3	5	8
	LUCE COUNTY.				
Feb. 1	Harris House, The	Newberry	5	5	10
Feb. 1	Johnson House, The	Newberry	4	3	7
Feb. 1	Murphy Hotel, The	Newberry	5	1	6
Jan. 31	Newberry Hotel, The	Newberry	3	5	8
	MACKINAW COUNTY.				
Jan. 29	Massey House, The	Brevort Lake	6	7	13
Jan. 28	Cottage Hotel	Engadine	.....	1	1
Jan. 28	Lyman Hotel	Gould City	1	4	5
Jan. 28	May Hotel	Gould City	1	3	4
Jan. 30	Grand Hotel, The	Mackinaw Island	181	71	252
Jan. 29	Moran Hotel	Moran	2	3	5
Jan. 12	Rexton Hotel	Rexton	4	5	9
Jan. 30	Central Hotel	St. Ignace	5	4	9
Jan. 31	Dunham House	St. Ignace	1	5	6
Jan. 31	Leclerc Hotel	St. Ignace	2	6	8
	MACOMB COUNTY.				
Oct. 23	Ember Hotel	Armada	3	3	6
Oct. 4	Albany Hotel, The	Mt. Clemens	2	6	8
Oct. 4	Arlington Hotel, The	Mt. Clemens	1	2	3
Sept. 28	Arethusa Hotel	Mt. Clemens	17	11	28
Sept. 27	Blackstone Hotel, The	Mt. Clemens	.....	4	4
Oct. 4	Capron Hotel, The	Mt. Clemens	.....	5	5
Sept. 26	Cass Hotel, The	Mt. Clemens	4	1	5
Sept. 26	Clementine Hotel	Mt. Clemens	1	8	9
Sept. 27	Clifton House	Mt. Clemens	1	4	5
Sept. 25	Colonial Hotel, The	Mt. Clemens	18	19	37
Sept. 25	Detroit Hotel, The	Mt. Clemens	.....	2	2
Sept. 28	Eastman Hotel, The	Mt. Clemens	7	3	10
Sept. 25	Edison Hotel	Mt. Clemens	3	1	4
Sept. 26	Elkin's Hotel	Mt. Clemens	17	10	27
Oct. 4	Fenton Hotel	Mt. Clemens	4	3	7
Sept. 25	Fountain Hotel	Mt. Clemens	2	2	4
Sept. 27	Glenwood Hotel, The	Mt. Clemens	1	6	7
Sept. 27	Lexington Hotel, The	Mt. Clemens	.....	5	5
Sept. 26	Mattler Hotel, The	Mt. Clemens	1	1	2
Sept. 28	Medea Hotel	Mt. Clemens	21	20	41
Sept. 26	Monroe Hotel	Mt. Clemens	6	3	9
Sept. 28	Olympia Hotel	Mt. Clemens	12	21	33
Sept. 27	Park Hotel	Mt. Clemens	21	49	70
Sept. 26	Plaza Hotel	Mt. Clemens	4	9	13
Sept. 25	Reh Hotel	Mt. Clemens	6	4	10

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	MACOMB CO.—*Con.*				
Sept. 25	Rudolph Hotel	Mt. Clemens	3	2	5
Oct. 5	Sherman Hotel	Mt. Clemens	11	14	25
Sept. 27	Stag Hotel, The	Mt. Clemens	4	1	5
Sept. 26	Villa, The	Mt. Clemens	2	5	7
Oct. 16	Chesterfield Hotel, The	New Baltimore	2	.....	2
Oct. 18	Graustark Hotel	New Haven	2	3	5
Oct. 19	Elliott Hotel, The	Richmond	1	3	4
Oct. 19	Lenox Hotel	Richmond	3	3	6
Oct. 24	Romeo Hotel	Romeo	2	4	6
Oct. 25	Berger Hotel	Utica	2	2	4
	MANISTEE COUNTY.				
Feb. 18	Arcadian Inn, The	Arcadia	2	2	4
Feb. 16	Copemish House	Copemish	1	2	3
Feb. 15	Shamrock Hotel	Copemish	1	4	5
Feb. 15	Cottage Hotel, The	Kaleva	2	1	3
Feb. 15	Dickson Hotel	Kaleva	1	2	3
Feb. 19	Central Hotel	Manistee	2	4	6
Feb. 21	Chippewa Hotel	Manistee	7	8	15
Feb. 20	Milwaukee House	Manistee	.....	3	3
Feb. 20	Northern Hotel	Manistee	1	10	11
Feb. 20	Svea Hotel	Manistee	2	3	5
Feb. 18	Onekama Hotel	Onekama	1	3	4
Feb. 25	Wellston Hotel	Wellston	1	3	4
	MARQUETTE COUNTY.				
May 18	Independence Hotel	Big Bay	3	9	12
Aug. 21	Gwinn Hotel	Gwinn	1	7	8
June 15	Anderson Hotel, The	Ishpeming	1	5	6
June 19	Billing's Hotel	Ishpeming	3	2	5
June 15	Commercial Hotel	Ishpeming	1	2	3
June 14	Garfield House	Ishpeming	1	3	4
June 16	Nelson Hotel, The	Ishpeming	9	12	22
June 13	New Urban Hotel, The	Ishpeming	3	5	8
June 1	Brunswick Hotel, The	Marquette	3	12	15
May 26	Clifton Hotel	Marquette	6	12	18
June 1	Jansen Hotel	Marquette	1	4	5
May 25	Marquette Hotel	Marquette	10	14	24
June 9	New Summit Hotel, The	Marquette	2	4	6
June 22	Breitung Hotel	Negaunee	3	11	14
	MASON COUNTY.				
May 10	Custer Hotel	Clinton	1	1	2
May 11	Fountain Hotel	Fountain	1	1	2
May 1	Commercial Hotel	Ludington	1	3	4
May 8	Fletcher Hotel	Ludington	2	3	5
April 27	Herrgesell Hotel	Ludington	1	2	3
May 2	Lake View Hotel	Ludington	.....	1	1
May 2	Ludington Hotel	Ludington	.....	2	2
May 8	Pere Marquette Hotel	Ludington	1	2	3
April 28	Stearns Hotel	Ludington	8	17	25
May 15	Scottville Hotel	Scottville	1	3	4

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	Mecosta County.				
April 9	Commercial Hotel	Barryton	.....	3	3
Mar. 27	Montreal House	Big Rapids	2	3	5
Mar. 26	Western Hotel	Big Rapids	7	7	14
April 10	Remus Hotel	Remus	1	4	5
Jan. 23	Cloverland Hotel	Hermansville	1	3	4
Jan. 23	Menominee Hotel	Hermansville	2	5	7
Jan. 23	Ingalls Hotel	Ingalls	1	1	2
Jan. 23	Menominee Hotel	Menominee	9	11	20
Jan. 18	Richard Hotel	Menominee	2	4	6
Jan. 23	Fontanna Hotel	Powers	1	3	4
Jan. 23	Commercial Hotel	Stephenson	1	4	5
	Missaukee County.				
Feb. 15	Curtis Hotel	Jennings	1	5	6
Feb. 15	Grand Central Hotel	Lake City	2	3	5
Feb. 14	McKinnon Hotel	McBain	2	2	4
	Monroe County.				
Nov. 20	Commercial Hotel	Monroe	1	2	3
Nov. 14	Park Hotel, The	Monroe	2	12	14
	Montcalm County.				
June 15	Phelps Hotel	Greenville	3	8	11
June 20	Winter Inn	Greenville	4	7	11
June 8	Golden Hotel	Howard City	2	6	8
June 21	Lakeside Inn, The	Lakeview	1	4	5
	Montmorency County.				
Aug. 16	Central Hotel, The	Atlanta	2	3	5
Aug. 16	Martindale Hotel	Atlanta	1	5	6
Aug. 16	Hillman House, The	Hillman	1	4	5
Aug. 30	Three Lakes Hotel	Blue Lake	1	2	3
	Muskegon County.				
Aug. 30	Holton Hotel	Holton	1	2	3
Sept. 5	American Lodging House	Muskegon	.....	1	1
Oct. 24	Collins Hotel	Muskegon	1	1	2
Jan. 8	Franklin House	Muskegon	1	1	2
Oct. 22	Grignon Boarding House	Muskegon	.....	3	3
Oct. 24	Hammerschmidt Hotel	Muskegon	.....	1	1
Sept. 5	Hathaway Lodging House	Muskegon	.....	1	1
Nov. 5	Hentschel Hotel	Muskegon	4	8	12
Oct. 27	Huber Hotel	Muskegon	1	1	2
Oct. 12	Lambert Hotel	Muskegon	1	2	3
Dec. 8	Mears Hotel	Muskegon	1	3	4
Nov. 9	Milwaukee House	Muskegon	1	2	3
Nov. 4	Muskegon Hotel	Muskegon	8	6	14
Oct. 2	Nord Hotel	Muskegon	4	6	10
Nov. 9	Occidental Hotel	Muskegon	24	26	50
Sept. 5	Park Hotel	Muskegon	1	2	3
Oct. 16	Pen Bryn Hotel	Muskegon	4	3	7
Oct. 4	Pine Hurst Hotel	Muskegon	3	4	7
Oct. 2	Steiner House	Muskegon	1	3	4
Oct. 24	Willard Rooming House	Muskegon	.....	1	1

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	MUSKEGON CO.—*Con.*				
Sept. 11	Willis, Mrs. L. G. Rooming House	Muskegon	1	1	2
Nov. 7	Beaury Hotel	Muskegon Heights	.....	4	4
Nov. 7	Lawerence Boarding House	Muskegon Heights	.....	6	6
Nov. 12	Ravenna Hotel	Ravenna	2	4	6
	NEWAYGO COUNTY.				
June 21	DeHaas Hotel	Fremont	2	7	9
June 22	Van's Inn	Fremont	2	3	5
June 13	Grant Hotel	Grant	1	4	5
June 15	Courtwright Hotel	Newaygo	2	3	5
June 19	Atlantic Hotel	White Cloud	2	4	6
May 12	Central Hotel	White Cloud	1	1	2
	OAKLAND COUNTY.				
Sept. 15	Pack Hotel	Birmingham	2	3	5
Sept. 13	Grace House	Farmington	.....	2	2
Nov. 1	Allendorf Hotel, The	Holly	3	4	7
Oct. 31	Central House	Milford	1	6	7
Sept. 10	Perry House, The	New Hudson	1	2	3
Oct. 30	Oakland Hotel	Oxford	.....	4	4
Sept. 29	Cleveland House	Pontiac	1	1	2
Oct. 19	Colonial Hotel	Pontiac	2	.....	2
Oct. 12	Harnack Hotel	Pontiac	1	1	2
Oct. 11	Huron Hotel	Pontiac	1	3	4
Oct. 23	Kenwood Hotel	Pontiac	4	4	8
Oct. 11	Stagg Hotel	Pontiac	2	3	5
Oct. 12	Woodward Hotel	Pontiac	2	7	9
Oct. 25	St. James Hotel	Rochester	1	1	2
Sept. 10	Lyon Hotel, The	South Lyon	.....	1	1
	OCEANA COUNTY.				
June 11	Wigton Hotel	Hart	2	7	9
June 11	Hesperia Hotel	Hesperia	1	3	4
June 9	New Era Hotel	New Era	2	1	3
May 21	Clendee Hotel	Pentwater	1	3	4
May 21	Verbeck Tavern	Pentwater	1	2	3
June 11	Shelby Hotel	Shelby	2	6	8
June 11	Wade Wright Inn	Shelby	1	2	3
	ONTONAGON COUNTY.				
Nov. 21	Kidd Hotel	Mass	2	3	5
Nov. 19	Elk Hotel	Ontonagon	1	7	8
Nov. 19	Hawley House	Ontonagon	3	3	6
	OSCODA COUNTY.				
Dec. 18	Mio Hotel	Mio	1	2	3
	OTSEGO COUNTY.				
Nov. 23	New Otsego Hotel	Elmira	.....	3	3
Sept. 20	Cadillac Hotel, The	Gaylord	1	3	4
Sept. 20	Delmont Hotel	Gaylord	2	3	5
Sept. 19	Otsego Hotel	Gaylord	2	3	5
Sept. 21	New Franklin Hotel	Johannesburg	1	2	3

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	OTTAWA COUNTY.				
Jan. 31	Conklin Hotel	Conklin	2	3	5
Dec. 29	Bristol Hotel	Holland	1	2	3
Dec. 28	Holland Hotel	Holland	6	2	8
Jan. 9	Gildner Hotel	Grand Haven	10	10	20
	PRESQUE ISLE COUNTY.				
Oct. 30	Peets Hotel	Hawks	2	2	4
Oct. 30	Trapp Hotel	Hawks	2	1	3
Oct. 31	Clermont Hotel, The	Millersburg	1	2	3
Oct. 31	D. & M. Hotel	Millersburg	1	1	2
Aug. 23	Chandler Hotel	Onaway	1	12	13
Aug. 25	Globe Hotel	Onaway	1	4	5
Aug. 25	Huron House, The	Onaway	1	3	4
Aug. 23	Metropole Hotel	Onaway	4	6	10
Aug. 23	Presque Isle Hotel	Onaway	.....	3	3
Aug. 21	Adams House	Posen	2	2	4
Aug. 20	Central Hotel	Rogers City	2	2	4
Aug. 21	Kitchen House	Rogers City	1	3	4
	SAGINAW COUNTY.				
Dec. 18	Schmitser Brothers Hotel	Birch Run	6	4	10
Dec. 11	Center House	Bridgeport	6	4	10
Dec. 26	Central Hotel	Chesaning	4	5	9
Dec. 14	Goetz Hotel	Frankenmuth	3	3	6
Dec. 13	Naegle Hotel	Frankenmuth	1	2	3
Dec. 14	New Commercial House	Frankenmuth	1	3	4
Dec. 14	New Exchange Hotel	Frankenmuth	2	3	5
Dec. 13	Union House	Frankenmuth	4	2	6
Dec. 12	Hummel Hotel, The	Freeland	2	4	6
Jan. 2	Central Hotel	Gera	1	2	3
Dec. 20	National Hotel	Hemlock	3	2	5
Dec. 20	Stroebel House	Hemlock	4	3	7
Dec. 19	Kohlschmidt Hotel	Merrill	4	4	8
Dec. 19	Merrill Hotel	Merrill	2	5	7
Dec. 28	Clifford Hotel	Oakley	1	3	4
Dec. 28	Oakley Hotel	Oakley	1	2	3
Sept. 24	Atlantic Hotel	Saginaw	1	2	3
Nov. 10	Bancroft Hotel	Saginaw	70	45	115
Nov. 22	Benjamin Franklin Hotel, The	Saginaw	13	12	25
Nov. 20	Dittmar Hotel	Saginaw	1	4	5
Oct. 5	Everett House, The	Saginaw	7	4	11
Dec. 4	Fordney Hotel, The	Saginaw	15	13	28
Nov. 23	Franklin Hotel	Saginaw	1	3	4
Sept. 19	Green Hotel	Saginaw	3	2	5
Nov. 7	Hoffman Stag Hotel	Saginaw	3	1	4
Dec. 3	International Hotel	Saginaw	3	3	6
Nov. 23	Kerby House	Saginaw	3	5	8
Oct. 23	Lesher Hotel	Saginaw	4	2	6
Oct. 17	Mertz Hotel	Saginaw	9	2	11
Sept. 19	Pacific Hotel	Saginaw	2	2	4
Nov. 21	Park View Hotel	Saginaw	3	1	4
Nov. 23	Rice Hotel	Saginaw	1	3	4
Oct. 2	Roma Hotel	Saginaw	2	2	4
Oct. 24	Saratago Hotel	Saginaw	2	2	4
Nov. 16	Schuch Hotel	Saginaw	4	6	10

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	SAGINAW CO.—*Con.*				
Sept. 25	Sherman House	Saginaw	5	2	7
Dec. 21	Star Hotel, The	Saginaw	3	1	4
Oct. 3	Tuscola House	Saginaw	1	2	3
Nov. 10	Veague's Hotel	Saginaw	8	7	15
Nov. 9	Vincent Hotel	Saginaw	18	18	36
Sept. 25	Wesley Hotel	Saginaw	3	2	5
Nov. 10	Wright's Hotel	Saginaw	6	3	9
Dec. 27	Naismith Hotel	St. Charles	1	3	4
Dec. 27	St. Charles Hotel	St. Charles	2	2	4
	ST. CLAIR COUNTY.				
Sept. 5	Park Hotel	Algonac	2	5	7
Sept. 6	Avoca House, The	Avoca	3	1	4
Sept. 6	Norway Hotel, The	Avoca	2	1	3
Sept. 11	Columbia Hotel	Capac	3	5	8
Sept. 11	Jackson Hotel	Capac	9	6	15
Sept. 13	Emmet House	Emmet	4	4	8
Aug. 31	Colonial Hotel	Marine City	1	4	5
Aug. 31	Dupont Hotel	Marine City	3	6	9
Aug. 31	International Hotel	Marine City	2	2	4
Sept. 13	National Hotel	Memphis	3	1	4
Aug. 27	American Hotel	Port Huron	3	2	5
Aug. 24	Atlantic Hotel	Port Huron	2	.....	2
Aug. 27	Beckton Hotel	Port Huron	5	2	7
Aug. 24	City Hotel	Port Huron	2	1	3
Aug. 24	Edison Hotel	Port Huron	1	4	5
Aug. 25	Gratiot Inn	Port Huron	15	27	42
Aug. 27	Griswold Hotel	Port Huron	2	.....	2
Aug. 25	Harrington Hotel	Port Huron	25	23	48
Aug. 27	Lauth Hotel	Port Huron	4	6	10
Aug. 24	Messenger Hotel	Port Huron	5	1	6
Aug. 24	Metropole Hotel	Port Huron	6	1	7
Aug. 27	Normandie Hotel	Port Huron	5	5	10
Aug. 27	Ronan Hotel	Port Huron	5	2	7
Aug. 24	Union Hotel	Port Huron	8	4	12
Aug. 25	Windermere Hotel	Port Huron	16	38	54
Aug. 29	Cadillac Hotel	St. Clair	1	7	8
Aug. 29	St. Clair House	St. Clair	2	4	6
Aug. 30	Sherman House	St. Clair	2	2	4
Sept. 7	Harrington Hotel	Yale	3	3	6
Sept. 6	Paisley Hotel, The	Yale	3	5	8
	ST. JOSEPH COUNTY.				
Dec. 7	Kleaner Hotel	Centerville	3	3	6
Dec. 12	St. Joe House	Colon	2	3	5
Dec. 8	Harvey Hotel	Constantine	2	6	8
Dec. 11	Wakeman Hotel, The	Mendon	2	4	6
Dec. 11	Elliott Hotel	Sturgis	7	9	16
Dec. 11	Ritzger Hotel	Sturgis	.....	1	1
Dec. 7	Central House	Three Rivers	2	7	9
Dec. 7	Three Rivers House	Three Rivers	2	6	8
Dec. 8	Kingsbury Hotel	White Pigeon	2	2	4

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	SANILAC COUNTY.				
Nov. 8	Carroll Hotel	Brown City	1	2	3
Nov. 1	Morash Hotel	Carsonville	1	2	3
Oct. 27	Croswell Hotel, The	Croswell	2	6	8
Oct. 27	Helm Hotel	Croswell	2	.....	2
Nov. 2	Peplow Hotel	Deckerville	3	5	8
Oct. 29	Cadillac Hotel	Lexington	1	1	2
Nov. 7	New Exchange Hotel, The	Marlette	2	3	5
Nov. 12	De Rosia Hotel, The	Minden	1	.....	1
Nov. 12	Weber Brothers	Minden	2	3	5
Nov. 12	West End Hotel, The	Minden	1	1	2
Nov. 5	New American Hotel	Peck	1	1	2
Nov. 5	New Home Hotel	Peck	1	2	3
Oct. 31	New McDonald Hotel, The	Sandusky	5	8	13
Oct. 31	Sandusky House, The	Sandusky	1	2	3
	SCHOOLCRAFT COUNTY.				
Jan. 25	Barnes Hotel, The	Manistique	2	4	6
Jan. 26	Hiawatha Hotel	Manistique	4	5	9
Jan. 25	Keystone Hotel	Manistique	3	3	6
Jan. 25	Manistique Hotel	Manistique	3	5	8
Jan. 26	New American Hotel	Manistique	3	4	7
Jan. 24	Ossawinamakee Hotel	Manistique	3	10	13
Jan. 24	Park Hotel	Manistique	2	3	5
	SHIAWASSEE COUNTY.				
Nov. 21	Junction House	Durand	1	2	3
Nov. 21	Richelieu Hotel	Durand	1	1	2
Nov. 23	National Hotel	Owosso	2	3	5
Nov. 24	Wildermuth Hotel	Owosso	5	11	16
	TUSCOLA COUNTY.				
Aug. 23	Caro Hotel	Caro	1	6	7
Aug. 23	Edmonds Hotel	Caro	2	4	6
Sept. 8	Montague Hotel	Caro	4	8	12
Sept. 10	Secor Hotel	Caro	2	4	6
Sept. 7	Fostoria Hotel	Fostoria	2	.....	2
Aug. 10	Truesdell House	Gagetown	1	2	3
Sept. 5	Kingston Hotel	Kingston	1	3	4
Sept. 6	Shay's Tavern	Mayville	2	1	3
Aug. 13	Colonial Hotel, The	Reese	1	2	3
Aug. 23	Columbia Hotel	Vassar	2	3	5
Aug. 21	Commercial Hotel	Vassar	3	5	8
Sept. 5	Wilmot Hotel	Wilmot	.....	3	3
	VAN BUREN COUNTY.				
Oct. 16	Sebring Hotel	Bangor	2	4	6
Oct. 29	Park View Hotel	Bloomingdale	1	3	4
Nov. 5	Paddock Hotel	Decatur	1	4	5
Oct. 24	Acme Hotel	Grand Junction	.....	2	2
Oct. 24	Hartford House, The	Hartford	2	5	7
Oct. 24	Jillson House	Hartford	1	1	2
Oct. 24	Marquette Hotel	Hartford	1	1	2
Oct. 2	Bassett Hotel	Lawrence	1	1	2
Nov. 1	Mack Hotel	Lawton	2	2	4
Nov. 3	Clifton Hotel	Paw Paw	2	5	7
Oct. 26	Johnston Hotel, The	South Haven	3	8	11

Digitized by Google

Inspection of hotels.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	WASHTENAW COUNTY.				
Aug. 8	Allenel Hotel, The	Ann Arbor	9	13	22
Aug. 16	American Hotel	Ann Arbor	9	7	16
Aug. 16	Catalpa Hotel	Ann Arbor	13	3	16
Aug. 16	St. James Hotel	Ann Arbor	1	1	2
Aug. 16	Whitney Hotel	Ann Arbor	6	8	14
Aug. 29	Boyd's Hotel	Chelsea	.....	4	4
Aug. 29	Crescent Hotel, The	Chelsea	1	6	7
Aug. 28	Dexter House, The	Dexter	.....	2	2
July 7	Stimpson Hotel	Milan	2	5	7
July 14	Tavern, The	Saline	.....	2	2
July 17	Hawkins House	Ypsilanti	6	5	11
July 18	Occidental Hotel	Ypsilanti	1	1	2
	WAYNE COUNTY.				
Dec. 13	Alpha Hotel	Detroit	1	2	3
Dec. 11	Arlington Hotel	Detroit	.....	1	1
Dec. 11	Berghoff Hotel	Detroit	157	21	178
Dec. 13	Berkshire Hotel	Detroit	4	6	10
Dec. 14	Boston Hotel, The	Detroit	2	3	5
Dec. 10	Breitmeyer Hotel	Detroit	19	6	25
Jan. 31	Briggs Hotel	Detroit	4	4	8
Dec. 12	Broadway Hotel	Detroit	2	1	3
Dec. 11	Brunswick Hotel	Detroit	6	5	11
Dec. 10	Burns Hotel	Detroit	13	11	24
Dec. 12	Cadillac Hotel	Detroit	132	58	190
Dec. 12	Charles Hotel	Detroit	8	5	13
Dec. 13	Charlevoix Hotel	Detroit	33	39	72
Dec. 11	City Hotel	Detroit	3	8	11
Dec. 14	Columbia Hotel	Detroit	2	3	5
Dec. 10	Congress Hotel	Detroit	3	2	5
Dec. 13	Delmar Hotel	Detroit	1	1	2
Dec. 13	Detroit Hotel	Detroit	3	2	5
Dec. 11	Eastern Hotel	Detroit	2	2	4
Dec. 13	Eldorado Hotel	Detroit	6	14	20
Dec. 14	Elizabeth Hotel	Detroit	.....	2	2
Dec. 12	Ferry Hotel	Detroit	2	.....	2
Dec. 11	Franklin Hotel	Detroit	7	4	11
Dec. 12	Grand Union Hotel	Detroit	16	2	18
Dec. 11	Griswold House Annex	Detroit	.....	2	2
Dec. 10	Griswold House	Detroit	50	45	95
Dec. 17	Henry Clay Hotel	Detroit	8	15	23
Dec. 11	Hermitage Hotel	Detroit	10	9	19
Dec. 13	Hofman Hotel	Detroit	7	6	13
Dec. 14	Hub Hotel	Detroit	1	3	4
Dec. 14	Imperial Hotel	Detroit	3	4	7
Dec. 10	Interurban Hotel	Detroit	5	4	9
Dec. 14	Irquois Hotel	Detroit	4	4	8
Dec. 10	Jefferson Hotel	Detroit	9	5	14
Dec. 14	Lafayette Hotel, The	Detroit	1	5	6
Dec. 10	Leonard's Hotel	Detroit	5	1	6
Dec. 17	Leonart Hotel	Detroit	.....	3	3
Dec. 13	Lenox Hotel	Detroit	4	6	10
Jan. 9	Library Park Hotel	Detroit	23	41	64
Dec. 13	Lincoln Hotel	Detroit	10	5	15
Dec. 14	Lindell Hotel	Detroit	4	2	6
Dec. 14	Mack Hotel	Detroit	2	2	4
Dec. 13	Madison Hotel	Detroit	10	12	22
Dec. 14	Metropole Hotel	Detroit	69	27	96
Dec. 12	Michigan Hotel	Detroit	2	4	6

Digitized by Google

Inspection of hotels.—Concluded.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	WAYNE CO.—*Con.*				
Dec. 11	Morgan Hotel	Detroit	10	5	15
Dec. 14	New Palace Hotel	Detroit	3	1	4
Dec. 15	Normandie Hotel	Detroit	22	12	34
Dec. 11	Norton Hotel	Detroit	16	10	6
Dec. 12	Oriental Hotel	Detroit	15	7	22
Dec. 11	Oxford Hotel	Detroit	6	5	11
Dec. 11	Pall Mall Hotel	Detroit	2	2	4
Dec. 12	Peoples Hotel	Detroit	2	2	4
Dec. 14	Pinehurst Hotel	Detroit	1	3	4
Dec. 13	Plaza Hotel	Detroit	8	25	33
Dec. 14	Ponchartrain Hotel	Detroit	288	192	480
Dec. 13	Powers Hotel	Detroit	2	.....	2
Dec. 14	Priscilla Inn	Detroit	3	31	34
Dec. 11	Randolph Hotel	Detroit	12	3	15
Dec. 14	Rogers Hotel	Detroit	2	3	5
Dec. 14	Savoy Hotel	Detroit	6	2	8
Dec. 11	Stag Hotel	Detroit	3	.....	3
Dec. 13	Statler Hotel	Detroit	419	296	715
Dec. 11	Ste. Claire Hotel	Detroit	15	14	29
Dec. 13	Tuller Hotel	Detroit	182	161	343
Dec. 14	Vendor Hotel	Detroit	2	1	3
Dec. 11	Victory Hotel	Detroit	5	4	9
Dec. 11	Wabash Hotel	Detroit	3	2	5
Dec. 12	Wayne Hotel (Baths)	Detroit	18	4	22
Dec. 1	Wayne Hotel	Detroit	50	30	80
Dec. 14	Wilson Hotel	Detroit	2	2	4
Dec. 11	Wobrock Hotel	Detroit	6	2	8
Dec. 13	Woova Hotel	Detroit	2	1	3
Dec. 14	Young Woman's Home	Detroit	1	12	13
	WEXFORD COUNTY.				
Feb. 11	Central Hotel	Cadillac	.....	2	2
Feb. 11	Cooperative Hotel	Cadillac	2	4	6
Jan. 18	Jorgensen Hotel	Cadillac	1	10	11
Jan. 16	McKinnon Hotel	Cadillac	20	17	37
Jan. 18	New Russell Hotel	Cadillac	2	2	4
Feb. 12	Park House	Cadillac	.....	4	4
Feb. 12	Royal Hotel	Cadillac	1	4	5
Feb. 14	Piper Hotel, The	Manton	1	3	4

Digitized by Google

ORDERS ISSUED ON HOTELS FOR 1917.

Alma. May 15, 1917.

ALMA HOTEL.—At once provide each sleeping room with rope not less than ⅝ of an inch in diameter securely fastened near window and knotted every eighteen inches and long enough to reach to the ground. Provide sheets 90 inches in length.

Battle Creek. October 25, 1917.

WAHELEE, MRS. MARY.—At once cover back stairway with corrugated steel and provide fire extinguishers in hall on second floor.

Bay City. March 6, 1917.

MOORE, ANTOINE.—At once erect fire escape on your hotel either on Fifth Street or Jefferson Street side of same, said fire escape to be built according to state specifications.

Benton Harbor. November 26, 1917.

DAWN HOTEL.—At once change windows at fire escapes to swing out and away from ladders of fire escape. Place signs in halls showing way to fire escapes and red lights at windows and doors where fire escape is located. Keep individual towels in all wash rooms.

Bessemer. December 7, 1917.

GOGEBIC HOUSE.—Within twenty days install a toilet in the Gogebic House for separate use of females, have same properly lighted and ventilated and designated for Ladies Only. Install regulation ropes in all sleeping rooms on second floor as per section 4, Act 188. Provide chemical fire extinguishers in each hall on second floor as per Section 3, Act 188.

December 7, 1917.

MRS. T. W. PHILIP, OWNER NORTHWESTERN HOTEL.—At once install toilet for separate use of female employes, and disinfect and keep in a sanitary condition all toilets in hotel. Place regulation ropes in all bed rooms on second floor, also chemical fire extinguishers in halls in compliance with Section 3, Act 188.

Big Bay. May 18, 1917.

HOTEL INDEPENDENCE.—At once make such changes as to give proper ventilation in basement kitchen of your hotel. Provide one more toilet for use of females working in said kitchen. Put handrail on stairway leading from main floor to second floor in said hotel.

Birmingham. September 14, 1917.

BIRMINGHAM INN.—At once put toilet on first floor in good repair, also toilet of second floor on long hall in a sanitary condition. Clean out basement under restaurant.

September 15, 1917.

PECK HOTEL.—At once have toilet in bath room put in good working order and in a sanitary condition. Install all sheets, quilts and blankets to be at least 90 inches in length. Put toilet off restaurant in working order and in a sanitary condition and keep it so.

Digitized by Google

Brinkley. January 29, 1918.

GLEASON, MRS. JOHN.—At once provide sheets 90 inches in length on all beds, and post printed notices calling attention of guests to fire escape.

Casnovia. October 12, 1917.

HOTEL CASNOVIA.—At once post notices in halls and bed rooms calling attention to fire escapes and giving direction to same.

Chelsea. August 29, 1917.

CRESCENT HOTEL.—At once place ropes in each sleeping room, bath room and hall where windows are located at outside of building, said ropes to be of sufficient length to reach to ground and securely fastened on inside of each room. Post notices in halls and room directing use of ropes in case of fire. Have paper and rubbish removed from basement.

Copemish. February 16, 1918.

COPEMISH HOUSE.—At once scrub floors throughout hotel. Disinfect and put hotel in a sanitary and healthy condition. Build new toilet for ladies, also one for men, and keep same in sanitary condition. Give kitchen a thorough cleaning.

Crystal Falls. December 26, 1917.

GREEN HOTEL.—Within thirty days calcimine kitchen, and put same in a sanitary condition. Fasten ropes in sleeping rooms so that they cannot slip off hooks. Furnish all sheets 90 inches in length.

Detroit. March 12, 1917.

AVALO HOTEL.—At once provide handrails for all stairways; guard stairway opening on third floor. Provide chemical fire extinguishers for hallways. Extend balcony of fire escape to take in the window of hallway on third floor; post printed notices directing way to same as provided for in Sections 2-3 of State Law.

March 17, 1917.

AVALO HOTEL.—At once extend balcony of fire escape to take in west window of hallway on third floor of three story building at 70 East Congress Street, known as Avalo Hotel.

December 11, 1917.

BRIGGS HOTEL.—At once have signs placed in halls on all upper floors directing way to fire escape and provide chemical fire extinguishers on each floor.

March 14, 1917.

BROADWAY HOTEL.—At once provide chemical fire extinguishers for halls, and post printed notices directing way to fire escape when same has been erected.

December 11, 1917.

HOTEL BRUNSWICK.—At once place sign directing way to fire escape opposite room No. 119, Second floor, and keep red light burning denoting exit.

March 8, 1917.

CITY HOTEL.—At once repair platform on balcony of fire escape and provide printed notices in hallways directing way to same. Place signs on toilet designating sex using same. Provide chemical fire extinguishers for use as provided for by Section 3 of State Law.

Digitized by Google

March 12, 1917.

HOTEL CLEMENT.—At once provide chemical fire extinguishers in halls and provide in every bed room on second floor a Manila rope, complying with Section 4 of Act 188, Public Acts of 1913.

December 14, 1917.

HOTEL COLUMBIA.—At once put chemical fire extinguisher on each floor.

March 13, 1917.

CONGRESS HOTEL.—At once provide chemical fire extinguishers for halls in compliance with Act 188 of the Public Acts of 1913.

March 12, 1917.

HOTEL IMPERIAL.—At once provide chemical fire extinguishers in halls, also post printed notices in halls and bed rooms calling attention to fire escape and giving directions of the same.

March 9, 1917.

INTERURBAN HOTEL.—At once provide chemical fire extinguishers in halls, also post printed notices in bedrooms calling attention to fire escape.

December 14, 1917.

HOTEL IROQUOIS.—Provide chemical fire extinguishers for each floor.

March 6, 1917.

LEONARD HOTEL.—At once provide halls with chemical fire extinguishers and post printed notices in halls and bed rooms calling attention to fire escape.

December 13, 1917.

HOTEL LINCOLN.—At once post printed notices in halls and bedrooms calling attention to fire escapes and directing use of same.

March 13, 1917.

MACK HOTEL.—At once provide chemical fire extinguishers in halls, also post printed notices in bed rooms calling attention and giving direction to fire escape.

May 11, 1917.

HOTEL MADISON.—At once completely enclose elevator shafts on all floors of Madison Hotel, as provided for by Section 12 of Act 285 of State law governing hotels. Provide printed notices directing way to fire escape in Lenox Hotel.

December 14, 1917.

NEW PALACE HOTEL.—At once provide in every bed room on the second floor a Manila rope to comply with Section 4 of law governing hotels. Provide printed notices in every bed room on the second floor calling attention to such rope and giving directions for its use.

December 12, 1917.

PEOPLES HOTEL.—At once post printed notices in halls and bed rooms calling attention to fire escapes and directions for use of same. Provide individual textile towels.

December 13, 1917.

POWERS HOTEL.—At once post printed notices in bed rooms directing way to fire escapes. Provide chemical fire extinguishers in halls.

Digitized by Google

December 12, 1917.

SAMOUELIAN, TOMAS.—At once provide halls with chemical fire extinguishers. Post printed notices in halls and bed rooms calling attention to fire escapes and directions for use of same. Provide individual textile towels.

March 8, 1917.

STAG HOTEL.—At once provide chemical fire extinguishers for hallways on third and fourth floors as provided for by Section Three of State law relating to hotels. Remove rubbish and ashes from closets on third and fourth floors and do not let same accumulate in building.

March 12, 1917.

HOTEL TRIX.—At once provide chemical fire extinguishers from halls and post printed notices directing way to fire escape, all to comply with Act 188 of the Public Acts of 1913.

March 4, 1918.

TULLER HOTEL.—At once see that all male elevator operators are over eighteen years of age.

March 9, 1917.

VENDOR HOTEL.—At once remove all obstructions from fire escape and provide printed notices directing way to same, also provide chemical fire extinguishers for halls, all in compliance with Act 188 of the Public Acts of 1913.

December 14, 1917.

VENDOR HOTEL.—At once provide public halls with chemical fire extinguishers. Post printed notices in halls and bed rooms calling attention to fire escape. Remove all obstructions from fire escapes.

March 8, 1917.

WABASH HOTEL.—At once provide chemical fire extinguishers for halls and printed notices dirceting way to fire escape for second floor, also keep all doors leading to fire escape unlocked, all in compliance with Act No. 188.

December 14, 1917.

HOTEL WILSON.—At once provide fire extinguishers in halls. Discontinue use of three bed rooms leading to fire escape on each floor and keep same unlocked at all times.

Escanaba. April 16, 1917.

STEPHENSON HOTEL.—At once provide ropes in sleeping rooms in hotel. Post printed notices in halls and bed rooms calling attention to same. Provide chemical fire extinguishers in hallways in said hotels.

Fenton. November 27, 1917.

HOTEL FENTON.—At once clean up back room. Place individual towels in wash room. Install hood over cook stove to carry away fumes. Provide sheets and blankets on all beds that measure at least 90 inches in length.

Gaylord. September 20, 1917.

DYER, MINNIE BOARDING AND ROOMING HOUSE.—At once place ropes in sleeping rooms and have notices calling attention to same posted in rooms. Provide two fire extinguishers in hall on second floor.

Digitized by Google

Grand Ledge. June 19, 1917.

THE GRAND LEDGE HOUSE.—At once put railing on stairs leading from street to office. Hang front door to swing outward. Put printed notices in halls and sleeping rooms calling attention to and directing way to fire escape.

Grand Rapids. January 8, 1918.

ALBANY HOTEL.—At once post notices in halls and bedrooms calling attention to exits and directing way to same. Provide halls with chemical fire extinguishers.

January 8, 1918.

ALTO HOTEL.—At once post notices in hall and rooms directing way to exits.

September 14, 1917.

PORTLAND HOTEL.—At once clean toilets and put same in sanitary condition. Give house general cleaning.

Hancock. September 21, 1917.

CENTRAL HOUSE.—At once install chemical fire extinguishers in halls. Place good substantial railing on balcony in front of building, second story. Provide sheets and towels in all rooms to comply with Section 3 of Act 188. Public Acts 1913. Put all sleeping rooms in a good sanitary condition.

September 21, 1917.

NORTHWESTERN HOTEL.—Within thirty days erect fire escape on building to comply with State specifications. Post notices in halls and bed rooms directing way to same. Provide chemical fire extinguishers in halls, also sheets 90 inches in length, and individual textile towels in all sleeping rooms, all in compliance with Section 2, 3 and 6 of Act 188 of the Public Acts of 1913.

September 22, 1917.

HOTEL SALO.—Within thirty days erect fire escape on building to conform to state specifications. Post notices in halls and rooms directing way to said fire escape. Provide chemical fire extinguishers in all halls. Equip all beds with 90 inch sheets.

Hartford. October 24, 1917.

THE HARTFORD HOUSE.—At once equip boiler with low water alarm.

Hawks. October 30, 1917.

PUTZ, HERMAN HOTEL.—At once place ropes in sleeping rooms and post notices directing use of same. Place chemical fire extinguishers in hall.

Hillsdale. January 5, 1918.

THE KEEFER HOUSE.—At once discontinue employing children under the age of fifteen years in compliance with Section 10, Act 285, Public Acts of 1909.

Houghton. September 8, 1917.

BELFRY, MRS. ALEC, BOARDING HOUSE.—Within ten days install regulation safety ropes in all sleeping rooms on second floor; also provide chemical fire extinguisher in public hallway outside of sleeping rooms and keep same in condition for use as per Section 3, Act 188. Provide individual textile towels in sleeping and bath rooms.

September 7, 1917.

JEWELL HOTEL.—Within ten days install safety ropes in all sleeping rooms above first floor; provide chemical fire extinguisher in hall on second floor. Remove

Digitized by Google

all obstructions from back stairway leading down to first floor and keep same clear at all times. Provide individual textile towels in sleeping and bath rooms.

Hubbardston. August 21, 1917.

HOTEL GRAND.—At once place notices in rooms calling attention to fire escape at end of hall, also to ropes in bedrooms.

Iron River. December 31, 1917.

LUDINGTON HOTEL.—At once regulate hours of female employes to conform with the fifty-four hour law.

January 2, 1918.

PIPER HOUSE.—At once repair or re-shingle the roof of hotel; calcimine all walls and ceilings throughout hotel and put same in a good sanitary condition; also paint all woodwork. Arrange hours of female employes to conform with the 54-hour labor law. Provide sheets at least ninety inches long.

Ironwood. December 3, 1917.

THE CURRY HOTEL.—Put cement floor in entire basement of hotel and keep the same in a clean and sanitary condition at all times.

Ishpeming. June 15, 1917.

ANDERSON HOTEL.—At once provide one more toilet at Anderson Hotel.

June 14, 1917.

GARFIELD HOTEL.—At once provide chemical fire extinguishers in halls, post notices in all sleeping rooms in said hotel.

Lake Linden. November 12, 1917.

LAROSE HOTEL.—At once equip hotel with a fire escape built according to state specifications. Post notices in halls directing way to same. Provide chemical fire extinguishers in halls as per Section 3 of Act 188 and keep same in good working order at all times. Equip all beds with sheets at least 90 inches long.

November 12, 1917.

MAIN, MRS. ALICE.—Within twenty days equip all sleeping rooms with regulation ropes as per Section 188, of the law governing hotels. Equip all beds with sheets at least 90 inches long. Provide chemical fire extinguishers in all halls and keep same in good condition.

November 9, 1917.

LAKE LINDEN HOTEL.—At once equip all beds with regulation sheets. Arrange hours of labor of females to comply with the fifty-four hour law.

L'Anse. August 28, 1917.

L'ANSE HOUSE.—At once provide 90 inch sheets on all beds, also blankets and quilts. Provide individual textile towels in bath and sleeping rooms.

August 28, 1917.

BERLIN HOTEL.—At once place safety rope in Room 11 on second floor. Discontinue the use of toilet on first floor and replace with new one. Repair floor on front veranda leading into main entrance, and place same in safe condition. Repair hole in floor in main sitting room.

August 28, 1917.

VOETSCH, MARTIN, OWNER OF L'ANSE HOUSE.—At once have rooms 4-5-6-7-8 and 9 on second floor of hotel calcimined and put in sanitary condition. Put safety ropes in each room. Install toilet on second floor for the use of females.

Digitized by Google

Lansing. August 11, 1917.

PLAZA HOTEL.—At once clean kitchen and keep same in sanitary condition. Place toilets in sanitary condition.

October 13, 1917.

HOTEL REO GRAND.—At once furnish beds with sheets 90 inches in length.

October 13, 1917.

HOTEL REO GRAND.—Within thirty days build fire escape on west end of hotel, same to be built with balcony at south window of west end of said hotel, balcony to be thirty inches wide and stairs from balcony to ground.

Laurium. October 25, 1917.

CIAGNE, M. HOTEL.—At once regulate hours of female employes to conform with the fifty-four hour law. Equip beds with sheets 90 inches long. Provide safety ropes in sleeping rooms and halls with fire extinguishers.

October 25, 1917.

RICHARDS, WILLIAM H., PROPRIETOR OF CENTRAL HOUSE.—At once provide safety ropes in all sleeping rooms above first floor. Provide sheets 90 inches in length on all beds.

Lawrence. November 29, 1917.

HOTEL BASSETT.—At once place ropes in bed rooms on second floor and put fire extinguishers in hall on second floor.

Lowell. September 7, 1917.

GEM RESTAURANT.—At once post printed notices in hall and bedrooms calling attention to fire escape and giving direction for use of same.

Ludington. May 8, 1917.

LUDINGTON HOTEL.—At once arrange to have walls and woodwork painted in rooms and halls on second floor, also dining room, kitchen and bedroom on first floor.

Mancelona. April 24, 1917.

BROWN HOTEL.—At once put ropes in sleeping rooms for use in case of fire. Provide individual textile towels. Provide sheets at least 90 inches long.

Manistee. February 20, 1918.

NORTHERN HOTEL.—At once put new seat in men's toilet down stairs.

Mt. Clemens. September 26, 1917.

CASS HOTEL.—At once provide chemical fire extinguishers in hall on second floor, also third floor.

September 25, 1917.

REH HOTEL.—Within ten days post printed notices in hallways directing way to fire escapes. Provide individual textile towels in wash rooms; also provide sheets 90 inches in length.

Munising. May 9, 1917.

HOTEL BEACH INN, C. V. R. TOWNSEND, AGENT.—At once change all doors at fire escape and lobby so as to open outward.

Muskegon. September 5, 1917.

AMERICAN LODGING HOUSE.—At once provide ropes for rooms to use in case of fire. Provide chemical fire extinguishers in halls.

Digitized by Google

Newberry. January 31, 1918.

THE NEWBERRY HOTEL.—At once provide sheets at least ninety inches in length for all beds.

Ontonagon. November 19, 1917.

HAWLEY HOUSE.—Install a toilet on third floor of Hawley House for use of guests.

Pontiac. October 19, 1917.

COLONIAL HOTEL.—At once disinfect toilet and put same in sanitary condition. Scrub and clean your hotel throughout. Provide two fire extinguishers in second floor hall, and one on first floor. Place individual textile towels in each bed room. Put sheets and blankets on all beds at least 90 inches in length. Provide ⅝ inch Manila rope securely fastened and long enough to reach to the ground with knots every eighteen inches in each bed room for use in case of fire, and post printed notices giving directions for use of same.

October 11, 1917.

STAGG HOTEL.—At once post notices in each bed room and hall as to location of fire escape. Provide chemical fire extinguishers in all halls.

Port Huron. August 24, 1917.

ATLANTIC HOTEL.—At once comply with Section 3-4 and 6 of Act 188 of the Public Acts of 1913.

August 25, 1917.

GRATION INN.—Within thirty days comply with Section 4 of Act 188 of the Public Acts of 1913.

August 24, 1917.

MESSENGER HOTEL, E. J. PUTMAN & SON.—At once provide individual textile towels in wash rooms.

Portland. August 25, 1917.

HOTEL DIVINE.—At once post notices in halls and rooms calling attention to and directing way to fire escape.

Remus. April 10, 1917.

REMUS HOUSE.—At once provide fire escape on building known as the Remus House, same to be built according to state specifications with balconies connecting with each floor above first, balconies to be not less than six feet in length and not less than three feet in width, with railing not less than 36 inches in height and built according to specifications.

Saginaw. February 9, 1918.

HELLAR, MRS. PETER APARTMENT HOUSE.—At once install fire escape on Genesee Street side of building with balcony at windows at end of hall, second and third floors. Remove all swinging gas brackets. Place protection under all stoves used in building, also place handrails on stairway leading from first to second floor.

October 23, 1917.

LESHER HOTEL.—At once post printed notices leading to fire escape and remove all obstructions from halls leading to fire escape and put all rooms in sanitary condition.

October 2, 1917.

ROMA HOTEL.—At once provide ropes in sleeping rooms on second floor and post printed notices calling attention to same. Place chemical fire extinguishers in hall on first and second floors.

Digitized by Google

February 11, 1918.

STAR HOTEL.—At once install fire escape with balcony to connect room 21, third floor, rear, with stairs leading to roof below; provide stairs from roof to ground. Mark room 21, third floor and room 9, second floor, as fire escapes.

October 3, 1917.

TUSCOLA HOUSE.—At once provide ropes in sleeping rooms on second floor and post printed notices calling attention to same. Place chemical fire extinguishers in halls on first and second floors. Place toilet in sanitary condition.

February 9, 1918.

SALINE HOTEL.—Within ten days provide fire escape on south side of building and place all heating appliances and wiring in good condition, or discontinue use of same for lodging on second and third floors.

Sault Ste. Marie. January 24, 1918.

AMERICAN HOUSE.—At once provide sheets 90 inches in length for all beds.

January 22, 1918.

CHIPPEWA HOUSE.—Post two notices in hall for the purpose of showing location of fire escape. Provide fire extinguishers in halls, also provide sheets 90 inches long for all beds.

January 23, 1918.

DETROIT HOTEL.—At once provide ropes in all bedrooms. Provide fire extinguishers in hall. Post notices in hall and bed rooms showing location of fire escape.

January 24, 1918.

MONTREAL HOUSE.—At once place ropes in sleeping rooms, and post notices directing use of same. Provide chemical fire extinguishers in halls. Provide sheets 90 inches long on all beds.

January 21, 1918.

NORTHWEST HOTEL.—At once provide sheets 90 inches in length for all beds.

January 21, 1918.

SHERMAN HOUSE.—At once provide sheets 90 inches in length for all beds.

January 24, 1918.

TREMONT HOUSE.—At once place ropes in sleeping rooms and post notices directing use of same. Provide chemical fire extinguishers in halls. Provide sheets at least 90 inches in length on all beds.

January 23, 1918.

WAYNE HOTEL.—At once have ropes placed in bed rooms for use in case of fire. Provide sheets at least 90 inches in length for all beds.

Swartz Creek. December 22, 1917.

SWARTZ CREEK HOTEL.—At once put ⅝-inch Manilla rope with knots every 18 inches apart, and long enough to reach to the ground from second story windows, and securely fastened at baseboard under each window. Post printed notices in rooms directing use of said ropes in case of fire.

Traverse City. May 14, 1917.

HOTEL SHILSON.—At once place ropes in sleeping rooms for use as fire escapes. Post printed notices in rooms directing use of said ropes. Provide chemical fire extinguishers in hall on second floor.

Digitized by Google

Wakefield. December 19, 1917.

WAKEFIELD HOTEL.—At once repair and calcimine or paint all bed rooms and hallways in hotel, all toilets, and put same in sanitary condition. Clean basement and put in cement floor. Repair sink in kitchen, and connect all waste pipes with sewer, and see that same are cleaned so as to carry away all waste water. Repair steps in rear of building leading from kitchen, and place them in safe condition. Post notices in all halls and bed rooms calling attention to fire escapes and use of same.

Ypsilanti. July 17, 1917.

HAWKINS HOTEL.—At once place fire escape on building known as Hawking Hotel. Post notices in each bed room directing location and use of said fire escape.

Digitized by Google

SUMMARY OF

Number of inspection.	Name of county.	Number men managers.	Number who receive wages.	Average daily wages.	Number women managers.	Number who receive wages.	Average daily wages.	Number men clerks.	Number who receive wages.	Average daily wages.	Number women clerks.	Number who receive wages.	Average daily wages.	Number men cashiers.	Number who receive wages.	Average daily wages.
3	Alcona	2			1			1	1	$2 00						
4	Alger	4			3			2	1	0 83						
10	Allegan	9			6			1	1	1 66						
9	Alpena	8			1			4	4	1 50						
10	Antrim	8			7											
1	Baraga	1			1											
3	Barry	3			1			2	2	1 67						
2	Bay	3						2	2	2 50						
6	Bensie	5			2			4	4	1 56	1	1	$1 00			
10	Berrien	9	2	$5 40	3	1	$1 33	13	12	1 96	2	2	1 57			
2	Branch	2						3	3	1 23						
7	Calhoun	7	2	5 41	4	1	2 50	8	8	2 18	2	2	2 42	3	3	$3 00
4	Cass	4			2			3	3	1 00						
11	Charlevoix	9	1	4 16	5			5	4	2 58	4	4	1 67			
13	Cheboygan	10			3	1	2 00	5	5	2 60	1	1	0 67			
21	Chippewa	20			1			16	16	2 93	2	2	1 67			
1	Clare	2														
7	Clinton	7			4			3	3	1 97						
4	Crawford	2			2			2	2	1 50	2	2	0 63			
11	Delta	9	3	4 39	5	2	0 86	8	8	1 96	2	2	0 88	1	1	0 60
3	Dickinson	4			4			3	3	1 17						
9	Eaton	9			6			3	3	0 67						
19	Emmet	20	1	1 35	14	2	1 35	21	20	1 31	4	4	1 07			
10	Genesee	10	2	3 75	2			11	11	2 08						
2	Gladwin	3														
9	Gogebic	9			8	1	2 50	6	6	1 83						
9	Grand Traverse	7	1	4 00	4			4	4	2 23						
5	Gratiot	6			1			2	2	0 50						
1	Hillsdale	1						2	2	1 66						
17	Houghton	15			10			11	10	3 23	3	3	1 47			
21	Huron	26						19	19	2 32						
11	Ingham	10	3	3 64	3			11	11	1 99				1	1	2 00
14	Ionia	11	1	2 63	8			3	3	2 14						
7	Iron	4			7	1	4 25	5	5	2 70						
2	Isabella	2			1			2	2	1 00						
8	Jackson	8	2	4 16	3	1	1 75	12	12	2 82	1	1	2 66			
15	Kalamazoo	11	4	4 41	2			15	15	2 11	1	1	0 86			
5	Kalkaska	5			3											
25	Kent	26	5	5 05	8	2	2 33	32	32	2 31	4	4	1 92			
1	Keweenaw	1			1											
4	Lake	2			4											
6	Lapeer	6						2	2	1 42						
6	Leelanau	5			1			2	2	2 50						
7	Lenawee	7			2			6	4	2 00						
2	Livingston	1						2	2	1 66						
4	Luce	4						4	4	2 87						
10	Mackinac	8	1	8 00	5			9	9	2 80	1	1	3 00	8	8	3 00
35	Macomb	34	9	4 41	10	1	2 00	29	29	2 25	7	7	1 43	1	1	2 50
12	Manistee	9	2	3 33	10	1	0 85	2	2	1 75						
14	Marquette	12	1	3 33	6	1	1 33	12	12	1 08						

Digitized by Google

HOTEL INSPECTION.

Number women cashiers employed.	Number who receive wages.	Average daily wages.	Number waiters employed.	Number who receive wages.	Average daily wages.	Number waitresses employed.	Number who receive wages.	Average daily wages.	Number porters employed.	Number who receive wages.	Average daily wages.	Number scrub women employed.	Number who receive wages.	Average daily wages.	Number elevator conductors employed.	Number who receive wages.	Average daily wages.
						3	3	$0 78	1	1	$1 00						
						5	4	0 64	1	1	0 86	2	2	$1 05			
						14	14	0 83	4	4	0 98						
						16	16	0 85	2	2	1 18	1	1	1 25			
			2	2	$0 50	7	7	0 57	2	2	0 63						
						1	1	1 00									
						6	6	0 79	2	2	0 67						
						4	4	1 91	1	1	1 50						
			1	1	0 80	15	15	1 07	2	2	1 50						
2	2	$1 25				24	24	0 77	9	9	1 02	1	1	0 67			
						6	6	0 95	3	3	0 85						
3	3	1 61	26	26	0 98	4	4	1 00	9	9	1 48	4	4	2 00	4	4	$1 37
						6	6	0 75	1	1	0 80						
			6	6	0 72	115	115	0 65	5	4	0 77	13	13	1 07	2	2	1 00
						16	16	0 91	5	5	1 54						
						22	21	1 38	15	15	1 72	2	2	1 50	3	3	1 33
						2	2	1 25	1	1	2 75						
						5	5	1 29									
						8	8	1 07	3	3	0 83						
1	1	0 80				22	19	0 73	2	2	0 84	2	2	0 74			
						10	10	0 83	2	2	1 00	2	2	0 95			
			3	3	0 60	5	5	0 79									
2	2	2 25	4	4	0 87	204	202	1 23	12	12	1 05	13	13	1 08	1	1	0 50
2	2	0 98	2	2	1 15	27	27	0 78	7	7	1 50	4	4	0 96	2	2	1 50
						3	3	0 60									
						16	15	0 93	2	2	1 50	3	3	0 89			
						18	17	0 64	2	2	0 83	3	3	0 90			
			6	1	0 65	13	13	0 70	2	2	1 00						
						5	5	0 91	2	2	0 91						
1	1	2 00	2	2	2 38	37	36	0 94	7	7	1 09	2	2	1 20			
						26	26	0 78	11	11	1 11	5	5	1 09			
3	3	1 77	4	4	1 96	33	33	0 98	6	6	1 72	4	4	0 83	3	3	1 19
						21	20	1 19	5	5	1 24						
			1	1	0 60	9	9	1 07	3	3	0 83	1	1	0 60			
						3	3	0 72	1	1	1 00						
2	2	1 33	8	8	2 20	10	10	0 99	12	12	1 89	4	4	1 34	8	8	1 25
1	1	1 50	12	12	1 11	16	16	0 79	12	12	1 02	3	3	0 96	7	7	1 13
						1	1	0 50	1	1	0 25						
14	14	1 44	50	50	1 13	39	37	1 22	18	18	1 46	24	24	0 91	19	19	1 24
						1	1	0 70									
						3	3	0 80	2	2	0 63						
						10	10	0 79	3	3	1 25	2	2	1 50			
						7	6	1 07	1	1	1 25						
			1	1	0 72	12	12	0 86	5	5	0 87						
						5	5	0 74				1	1	0 87			
			1	1	2 50	4	3	0 89	3	3	1 61				1	1	2 00
			62	62	1 00	14	14	0 82	5	5	1 00	12	12	1 00	3	3	1 00
3	3	1 57	15	15	1 34	88	88	0 80	24	24	1 31	10	10	1 05	10	10	0 86
						12	12	0 79	2	2	0 92	7	7	1 01			
			2	1	1 50	41	41	0 61	6	6	0 74	6	6	0 89			

Digitized by Google

Summary of hotel

Number of inspection.	Name of county.	Number men managers.	Number who receive wages.	Average daily wages.	Number women managers.	Number who receive wages.	Average daily wages.	Number men clerks.	Number who receive wages.	Average daily wages.	Number women clerks.	Number who receive wages.	Average daily wages.	Number men cashiers.	Number who receive wages.	Average daily wages.
10	Mason	7	1	$2 50	12	....	.....	2	2	$1 17	1	1	$0 83	....	....	.....
4	Mecosta	3	1	3 33	1	....	.....	3	3	1 50	....	....	.....	....	....	.....
7	Menominee	9	1	2 50	1	....	.....	2	2	1 00	....	....	.....	....	....	.....
3	Missaukee	3	....	.....	1	....	.....	2	1	2 00	....	....	.....	....	....	.....
2	Monroe	2	1	2 50	1	....	.....	2	2	2 35	....	....	.....	....	....	.....
4	Montcalm	4	....	.....	2	1	$1 75	3	3	1 84	....	....	.....	....	....	.....
3	Montmorency	2	....	.....	1	....	.....	2	2	2 00	....	....	.....	....	....	.....
25	Muskegon	17	3	3 33	15	....	.....	7	7	2 01	2	1	1 10	1	1	$2 50
6	Newaygo	6	....	.....	6	....	.....	1	1	1 75	....	....	.....	....	....	.....
15	Oakland	12	1	2 50	3	....	.....	2	2	2 08	2	1	1 65	....	....	.....
7	Oceana	5	....	.....	8	....	.....	2	1	1 00	....	....	.....	....	....	.....
3	Ontonagon	3	....	.....	3	....	.....	1	1	1 00	....	....	.....	....	....	.....
1	Oscoda	1	....	.....	....	....	.....	....	....	.....	....	....	.....	....	....	.....
5	Otsego	4	....	.....	2	....	.....	2	2	1 50	....	....	.....	....	....	.....
4	Ottawa	4	....	.....	1	....	.....	5	5	2 18	....	....	.....	....	....	.....
12	Presque Isle	8	....	.....	4	....	.....	1	1	2 50	....	....	.....	....	....	.....
44	Saginaw	47	11	3 70	22	3	1 56	39	39	2 33	5	5	1 57	1	1	2 42
30	St. Clair	32	6	4 67	6	3	2 70	43	43	2 56	4	3	1 11	1	1	2 00
9	St. Joseph	4	2	3 50	....	....	.....	8	8	1 78	....	....	.....	....	....	.....
14	Sanilac	15	....	.....	4	....	.....	6	6	1 40	....	....	.....	....	....	.....
7	Schoolcraft	8	....	.....	....	....	.....	5	5	2 50	....	....	.....	....	....	.....
4	Shiawassee	4	1	2 00	1	1	2 00	4	4	2 02	1	1	1 00	....	....	.....
12	Tuscola	9	....	.....	9	1	1 00	5	5	2 00	1	1	1 00	....	....	.....
11	Van Buren	10	1	2 00	5	....	.....	2	2	0 68	....	....	.....	....	....	.....
12	Washtenaw	9	3	2 11	3	1	3 00	11	9	1 93	....	....	.....	....	....	.....
74	Wayne	87	43	5 68	18	12	2 71	147	146	3 18	47	47	2 00	12	12	2 75
8	Wexford	6	1	3 50	3	....	.....	4	4	1 46	....	....	.....	....	....	.....
768	Totals	721	116	$4 58	306	37	$2 18	623	611	$2 37	100	97	$1 71	29	29	$2 69

Digitized by Google

inspection.—Continued.

Number women cashiers employed.	Number who receive wages.	Average daily wages.	Number waiters employed.	Number who receive wages.	Average daily wages.	Number waitresses employed.	Number who receive wages.	Average daily wages.	Number porters employed.	Number who receive wages.	Average daily wages.	Number scrub women employed.	Number who receive wages.	Average daily wages.	Number elevator conductors employed.	Number who receive wages.	Average daily wages.
.....	.....	.....	.....	.....	.....	10	9	$0 61	2	1	$0 83	....	....	.....	....	....	.....
.....	.....	.....	.....	.....	.....	7	7	2 25	1	1	0 70	....	....	.....	....	....	.....
.....	.....	.....	.....	.....	.....	10	10	0 79	2	2	1 08	2	2	$1 00	....	....	.....
.....	.....	.....	.....	.....	.....	4	4	0 64	.....	.....	.....	....	....	.....	....	....	.....
.....	.....	.....	.....	.....	.....	4	4	1 00	.....	.....	.....	....	....	.....	....	....	.....
.....	.....	.....	.....	.....	.....	8	8	0 85	3	3	0 99	....	....	.....	....	....	.....
.....	.....	.....	1	1	$0 80	2	2	1 00	.....	.....	.....	....	....	.....	....	....	.....
.....	.....	.....	.....	.....	.....	32	29	0 88	10	9	1 30	3	3	1 00	....	....	.....
.....	.....	.....	.....	.....	.....	7	6	0 59	1	1	1 00	....	....	.....	....	....	.....
.....	.....	.....	2	1	1 00	9	7	0 90	6	6	1 04	1	1	2 25	....	....	.....
1	1	$1 00	.....	.....	.....	5	4	0 64	2	2	0 87	....	....	.....	....	....	.....
.....	.....	.....	.....	.....	.....	3	3	1 08	.....	.....	.....	....	....	.....	....	....	.....
.....	.....	.....	.....	.....	.....	1	1	0 75	.....	.....	.....	....	....	.....	....	....	.....
.....	.....	.....	.....	.....	.....	5	5	1 10	.....	.....	.....	....	....	.....	....	....	.....
.....	.....	.....	3	3	1 50	4	4	1 38	3	3	1 83	1	1	1 50	....	....	.....
.....	.....	.....	3	3	1 50	9	9	0 97	2	2	1 88	2	2	1 25	....	....	.....
6	6	1 29	33	33	1 21	44	43	1 05	28	28	1 51	14	14	1 10	9	9	$1 18
2	2	1 82	8	8	1 24	64	63	1 00	27	27	1 25	10	10	1 27	2	2	0 63
.....	.....	.....	.....	.....	.....	15	15	0 85	4	4	0 94	1	1	1 00	....	....	.....
.....	.....	.....	.....	.....	.....	11	11	0 71	3	3	1 05	....	....	.....	....	....	.....
.....	.....	.....	.....	.....	.....	15	15	0 93	3	3	1 42	2	2	1 25	....	....	.....
.....	.....	.....	.....	.....	.....	5	5	1 00	1	1	1 35	....	....	.....	....	....	.....
.....	.....	.....	4	4	1 00	10	9	0 95	1	1	1 00	2	2	1 25	....	....	.....
.....	.....	.....	.....	.....	.....	10	9	0 78	3	3	0 73	....	....	.....	....	....	.....
.....	.....	.....	8	6	1 04	23	23	0 94	7	7	1 18	3	3	0 97	....	....	.....
62	62	1 97	343	343	1 39	78	78	0 94	87	87	1 82	78	78	0 97	100	100	1 54
.....	.....	.....	.....	.....	.....	19	19	0 94	3	3	1 50	....	....	.....	....	....	.....
105	105	$1 76	613	604	$1 28	1,408	1,381	$0 93	423	420	$1 37	250	250	$1 04	174	174	$1 38

Digitized by Google

Summary of hotel

Number of inspection.	Name of county.	Number bell boys employed.	Number who receive wages.	Average daily wages.	Number chamber maids employed.	Number who receive wages.	Average daily wages.	Number men dishwashers employed.	Number who receive wages.	Average daily wages.	Number women dishwashers employed.	Number who receive wages.	Average daily wages.	Number men cooks employed.	Number who receive wages.	Average daily wages.	Number women cooks employed.
3	Alcona				1	1	$0 57				1	1	$0 57				1
4	Alger				5	3	0 53				1	1	0 66	1	1	$2 50	
10	Allegan				3	3	0 93				6	5	0 77				6
9	Alpena	1	1	$1 00	7	7	0 71				7	7	0 61	2	2	1 80	8
10	Antrim				6	6	0 60										2
1	Baraga				1	1	1 00	1	1	$0 75							
3	Barry				2	2	0 88				2	2	0 70				3
2	Bay	1	1	1 00	2	2	1 00				2	2	2 00	1	1	4 50	3
6	Benzie				3	3	1 15				3	3	0 79	1			8
10	Berrien	9	9	0 66	18	18	0 88	4	4	0 79	8	8	0 77	7	7	2 94	6
2	Branch				3	3	0 83				2	2	0 63	1	1	3 00	2
7	Calhoun	10	10	0 83	35	35	0 97	1	1	1 66	3	3	1 00	11	11	2 90	6
4	Cass				2	2	0 67				3	3	0 73	1	1	1 00	4
11	Charlevoix	10	10	0 51	33	33	0 64	6	6	0 96	8	8	0 80	13	13	2 27	12
13	Cheboygan	3	3	0 72	9	9	0 96				5	5	0 72	3	2	2 00	11
21	Chippewa	4	4	1 19	22	21	0 91	1	1	1 80	6	6	2 50	9	7	2 82	18
1	Clare				2	2	0 75				1	1	1 50				
7	Clinton				1	1	0 66				3	3	0 49				4
4	Crawford				5	5	0 65				1	1	0 80				5
11	Delta	6	6	1 10	13	13	0 54				9	9	0 53	4	4	2 50	6
3	Dickinson	2	2	0 55	3	3	0 53	1	1	0 60	4	4	0 78				4
9	Eaton				3	3	0 68				3	3	0 67	1	1	2 00	5
19	Emmet	24	24	0 40	41	41	0 63	6	6	0 88	33	33	0 66	23	22	2 76	18
10	Genesee	4	4	0 65	22	22	0 97				10	10	0 93	7	7	2 23	6
2	Gladwin				2	2	0 58				1	1	0 60				3
9	Gogebic	6	6	0 73	13	12	0 84				7	7	0 92	1	1	3 00	4
9	Grand Traverse	5	5	0 44	9	8	0 65	1	1	0 60	6	6	0 61	3	3	2 33	5
5	Gratiot	1	1	0 65	8	7	0 76				5	5	0 73	1	1	1 50	5
1	Hillsdale				2	2	0 91				1	1	1 00				1
17	Houghton	5	5	0 45	26	25	1 22	1	1	1 50	15	15	1 02	8	8	2 23	6
21	Huron	1	1	0 50	9	9	0 69				8	8	0 64				15
11	Ingham	10	10	0 75	36	36	1 06	3	3	1 29	8	8	1 10	7	7	3 04	8
14	Ionia				6	6	0 65				7	7	0 71	2	2	2 13	12
7	Iron				7	7	0 62	1	1	0 50	4	4	0 60	1	1	1 50	5
2	Isabella	1	1	1 00	3	3	0 68				2	2	0 63				2
8	Jackson	6	6	0 70	19	19	1 10	3	3	1 85	5	5	0 78	12	12	2 69	3
15	Kalamazoo	13	13	0 61	34	30	0 88	6	6	0 96	12	12	0 85	8	8	2 90	4
5	Kalkaska				1	1	0 50				2	2	0 54				2
25	Kent	39	39	0 72	96	94	0 89	5	5	1 50	31	31	1 00	27	27	2 51	20
1	Keweenaw				1	1	0 70										1
4	Lake				2	2	0 45				3	3	0 54				2
6	Lapeer	1	1	0 50	1	1	1 15				3	3	0 90	1	1	2 50	7
6	Leelanau				4	4	0 86										6
7	Lenawee				7	7	1 42				5	5	0 96	1	1	2 80	5
2	Livingston				1	1	0 85				1	1	0 60	1	1	1 60	
4	Luce				4	4	0 86				1	1	0 67				4
10	Mackinac	28	28	0 90	32	32	0 87	1	1	1 50	9	9	0 89	21	21	2 98	7
35	Macomb	18	18	0 50	51	51	0 88	6	6	1 28	20	20	0 91	17	17	2 95	19
12	Manistee	2	2	1 00	7	7	0 66				4	4	0 62	1	1	3 00	7
14	Marquette	3	3	0 39	13	13	0 77				12	12	0 57	3	3	2 66	11
10	Mason	2	2	0 33	2	2	0 53				5	5	0 61	1	1	2 50	3
4	Mecosta				2	2	0 55				2	2	0 68	1	1	1 25	3
7	Menominee	2	2	1 00	6	6	0 71				2	2	0 66	2	1	1 87	6
3	Missaukee				2	2	0 53				1	1	1 00				1
2	Monroe				4	4	1 00	1	1	0 75	2	2	1 30				3

Digitized by Google

inspection.—Continued.

Number who receive wages.	Average daily wages.	Number men kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number women kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number other men employed.	Number who receive wages.	Average daily wages.	Number other women employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
....	.....	....	....	.....	1	1	$1 25	.....	.....	.....	....	....	.....	12	8	$7 74	$0 54
....	.....	1	1	$1 16	1	1	0 40	.....	.....	.....	....	....	.....	26	15	12 69	0 85
5	$1 59	....	....	.....	1	1	0 80	.....	.....	.....	....	....	.....	50	33	32 56	0 99
7	1 58	....	....	.....	....	....	.....	5	5	$1 42	....	....	.....	62	52	55 26	1 06
2	1 00	....	....	.....	3	3	0 56	1	1	1 50	1	1	$1 00	39	24	16 05	0 67
....	.....	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....	5	3	2 75	0 92
3	1 27	....	....	.....	....	....	.....	.....	.....	.....	2	2	0 65	23	19	17 57	0 92
3	2 42	....	....	.....	....	....	.....	2	2	1 00	....	....	.....	21	18	34 90	1 94
7	1 78	1	1	1 60	2	1	1 25	.....	.....	.....	3	3	1 33	51	41	52 23	1 27
6	1 39	2	2	0 71	3	3	0 73	4	4	1 71	....	....	.....	124	114	140 30	1 23
2	1 50	....	....	.....	1	1	0 50	1	1	0 50	....	....	.....	24	22	22 70	1 06
6	1 93	11	11	1 27	10	10	1 02	7	7	3 02	14	14	1 37	182	174	257 59	1 48
4	1 18	....	....	.....	1	1	1 19	.....	.....	.....	1	1	0 86	28	22	19 57	0 89
7	1 84	6	6	1 33	8	8	0 83	10	10	1 49	8	8	0 92	278	258	236 88	0 92
6	1 48	....	....	.....	3	3	1 03	3	3	1 33	....	....	.....	77	59	72 37	1 23
12	1 92	....	....	.....	7	5	1 32	18	18	2 65	1	1	0 75	167	134	251 03	1 87
....	.....	1	1	1 75	....	....	.....	.....	.....	.....	1	1	2 00	10	8	12 00	1 50
4	1 54	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....	27	16	20 62	1 29
4	1 56	....	....	.....	1	1	0 75	.....	.....	.....	2	2	1 25	33	28	28 85	1 03
3	0 95	1	1	0 66	5	4	0 48	10	10	1 28	3	3	0 83	109	93	95 56	1 03
4	1 38	....	....	.....	....	....	.....	2	2	1 00	....	....	.....	41	33	29 60	0 90
5	1 24	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....	38	23	20 00	0 87
14	1 73	10	10	1 54	16	16	1 04	16	16	1 27	21	21	0 98	503	464	538 19	1 16
6	1 76	2	2	2 08	10	10	1 17	2	2	1 17	2	2	1 30	132	122	153 10	1 25
3	2 05	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....	12	9	9 70	1 08
4	2 19	....	....	.....	3	3	1 20	4	4	2 10	6	6	0 99	88	70	83 71	1 20
4	1 13	3	3	0 84	2	2	0 59	2	2	1 66	2	2	0 55	76	63	59 32	0 94
5	1 02	....	....	.....	1	1	0 83	2	2	1 13	3	3	0 83	56	43	34 54	0 80
1	2 66	....	....	.....	2	2	0 91	1	1	0 91	....	....	.....	17	16	17 90	1 12
3	1 73	....	....	.....	9	9	1 12	7	7	1 55	2	2	0 67	167	136	183 28	1 35
15	1 19	1	1	0 72	1	1	0 57	4	4	2 50	....	....	.....	126	100	123 06	1 23
8	1 77	4	4	2 01	7	7	1 05	11	11	1 92	6	6	1 13	178	168	234 27	1 39
6	1 58	....	....	.....	....	....	.....	2	2	1 50	....	....	.....	77	52	65 79	1 27
4	1 50	....	....	.....	3	3	0 83	1	1	0 50	2	2	0 78	54	43	50 35	1 17
1	2 00	....	....	.....	1	1	0 83	.....	.....	.....	....	....	.....	18	14	12 30	0 88
3	0 85	3	3	1 33	....	....	.....	10	10	2 40	5	5	0 84	134	126	216 17	1 72
4	1 59	2	2	0 86	5	5	0 74	25	25	1 81	7	7	1 05	196	183	238 36	1 30
2	1 00	....	....	.....	....	....	.....	1	1	1 00	1	1	0 50	17	9	5 82	0 65
15	1 68	15	15	1 45	17	17	0 75	58	58	2 13	58	58	1 29	600	564	780 25	1 38
1	1 30	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....	5	3	2 70	0 90
2	1 43	....	....	.....	1	1	0 76	.....	.....	.....	1	1	0 76	20	14	10 54	0 75
4	1 38	....	....	.....	....	....	.....	1	1	2 00	....	....	.....	37	28	31 87	1 14
2	0 75	....	....	.....	2	2	1 44	.....	.....	.....	....	....	.....	28	17	20 47	1 20
4	1 80	....	....	.....	1	1	1 25	3	3	2 75	....	....	.....	55	43	57 70	1 34
....	.....	....	....	.....	....	....	.....	.....	.....	.....	1	1	1 50	13	12	12 42	1 04
2	2 25	1	1	0 75	1	1	0 67	4	4	2 75	....	....	.....	32	25	44 51	1 78
7	1 62	10	10	1 00	14	14	0 90	41	41	2 09	14	14	1 80	304	292	423 14	1 45
19	1 53	11	11	1 26	18	18	1 09	23	23	3 31	12	12	2 13	426	392	543 41	1 40
3	2 00	1	1	0 75	1	1	0 60	4	4	1 42	1	1	0 65	70	50	55 17	1 10
9	1 31	5	5	0 74	5	5	0 53	7	7	1 50	6	6	0 53	150	131	110 14	0 84
3	1 04	1	1	1 33	....	....	.....	1	1	1 33	3	3	1 00	52	32	28 07	0 88
1	1 25	....	....	.....	1	1	0 50	1	1	0 70	1	1	1 00	26	21	31 45	1 50
5	1 21	....	....	.....	2	2	0 50	3	3	1 67	1	1	1 16	50	39	38 19	0 98
....	.....	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....	14	8	6 61	0 83
2	1 50	....	....	.....	1	1	1 50	.....	.....	.....	....	....	.....	20	17	23 45	1 38

Digitized by Google

Summary of hotel

Number of inspection.	Name of county.	Number bell boys employed.	Number who receive wages.	Average daily wages.	Number chamber maids employed.	Number who receive wages.	Average daily wages.	Number men dishwashers employed.	Number who receive wages.	Average daily wages.	Number women dishwashers employed.	Number who receive wages.	Average daily wages.	Number men cooks employed.	Number who receive wages.	Average daily wages.	Number women cooks employed.
4	Montcalm	....	....	.....	4	4	$0 65	1	1	$0 72	4	4	$0 67	....	....	.....	5
3	Montmorency	....	....	.....	3	3	0 92	....	....	.....	2	2	0 63	....	....	.....	3
25	Muskegon	7	7	$0 68	24	24	1 00	1	1	1 00	8	8	0 88	5	4	$2 44	11
6	Newaygo	....	....	.....	3	3	0 55	....	....	.....	1	1	0 72	....	....	.....	2
15	Oakland	2	2	0 66	12	12	0 99	1	....	.....	4	4	0 79	4	2	2 75	5
7	Oceana	....	....	.....	2	2	0 65	....	....	.....	2	2	0 65	....	....	.....	3
3	Ontonagon	....	....	.....	3	3	0 73	....	....	.....	1	1	0 60	1	1	1 40	1
1	Oscoda	....	....	.....	....	....	.....	....	....	.....	....	....	.....	....	....	.....	1
5	Otsego	....	....	.....	2	1	1 80	....	....	.....	....	....	.....	....	....	.....	5
4	Ottawa	3	3	0 83	6	6	1 25	....	....	.....	3	3	1 50	1	1	1 17	2
12	Presque Isle	....	....	.....	5	5	0 82	....	....	.....	4	4	0 80	1	1	2 00	12
44	Saginaw	15	15	0 73	50	49	1 00	4	4	1 04	18	18	1 18	13	13	2 36	24
30	St. Clair	13	13	0 48	30	30	0 91	2	2	1 08	20	20	0 80	11	11	2 73	23
9	St. Joseph	....	....	.....	6	6	0 90	2	2	1 25	7	7	0 86	3	3	2 00	8
14	Sanilac	....	....	.....	8	8	0 70	....	....	.....	6	6	0 60	....	....	.....	5
7	Schoolcraft	....	....	.....	6	5	1 27	....	....	.....	5	5	0 84	1	1	2 00	4
4	Shiawassee	1	1	0 50	6	6	1 06	....	....	.....	1	1	0 65	....	....	.....	3
12	Tuscola	....	....	.....	3	3	0 92	....	....	.....	3	3	0 87	....	....	.....	8
11	Van Buren	....	....	.....	5	5	0 76	....	....	.....	5	5	0 70	....	....	.....	7
12	Washtenaw	5	5	0 57	11	11	0 97	1	1	1 00	7	6	0 89	6	6	1 96	5
74	Wayne	129	129	0 73	398	398	1 59	92	92	1 25	63	63	0 94	153	153	3 12	34
8	Wexford	4	4	0 25	6	6	1 00	....	....	.....	7	7	0 82	1	1	3 00	8
768	Totals	396	396	$0 67	1,245	1,229	$0 95	152	151	$1 19	476	474	$0 86	404	395	$2 81	497

Digitized by Google

inspection.—Concluded.

Number who receive wages.	Average daily wages.	Number men kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number women kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number other men employed.	Number who receive wages.	Average daily wages.	Number other women employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
5	$2 01	....	....	.....	1	1	$0 67	.....	.....	.....	1	1	$0 66	36	31	$34 43	$1 11
2	2 00	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....	16	12	14 80	1 23
9	1 63	6	4	$0 88	5	5	1 05	8	8	$2 00	3	3	2 00	165	126	160 04	1 27
2	1 33	....	....	.....	2	2	0 58	2	2	0 63	....	....	.....	31	18	13 73	0 76
5	1 20	....	....	.....	2	1	0 85	1	1	1 50	1	1	2 00	69	47	56 33	1 13
2	1 22	....	....	.....	3	3	0 62	1	1	1 00	....	....	.....	34	18	14 16	0 79
1	1 80	1	1	1 50	....	....	.....	.....	.....	.....	2	2	0 77	19	13	13 30	1 02
....	.....	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....	3	1	0 75	0 75
3	1 33	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....	20	11	14 30	1 30
2	1 50	....	....	.....	....	....	.....	.....	.....	.....	....	....	.....	36	31	48 92	1 58
8	1 63	1	1	1 50	....	....	.....	7	6	1 63	....	....	.....	59	42	55 50	1 30
22	1 44	16	16	1 55	13	12	0 64	32	32	2 00	8	8	1 09	441	381	560 08	1 47
21	1 64	1	1	1 00	11	11	1 10	10	10	1 97	1	1	1 67	321	288	426 08	1 48
8	1 43	....	....	.....	1	1	1 95	.....	.....	.....	4	4	0 95	63	61	75 82	1 24
5	1 52	....	....	.....	1	1	0 60	.....	.....	.....	1	1	0 66	60	41	37 42	0 91
2	1 75	....	....	.....	3	3	0 89	3	3	2 22	....	....	.....	55	44	58 53	1 33
3	1 23	....	....	.....	1	1	0 90	1	1	1 75	....	....	.....	29	26	33 29	1 28
7	1 21	....	....	.....	2	2	1 00	2	2	1 00	....	....	.....	59	40	45 90	1 15
6	1 52	....	....	.....	2	2	1 66	1	1	0 50	1	1	1 25	51	35	34 06	0 97
5	1 43	1	1	1 00	2	2	0 88	7	7	2 45	2	2	1 00	111	98	126 55	1 29
34	1 45	74	74	1 87	55	55	1 17	547	547	2 11	431	431	1 17	3,035	2,984	5,017 02	1 68
6	1 26	2	2	1 00	2	2	0 75	2	2	1 50	3	3	1 67	70	60	66 58	1 11
410	$1 52	194	192	$1 52	277	271	$0 98	921	920	$2 05	649	649	$1 18	9,963	8,911	$12,592 36	$1 41

Digitized by Google

SUMMARY OF HOTEL INSPECTION.

Number hotels inspected	768
Number men employed as managers	721
Number who receive wages	116
Average daily wages	$4.58
Number women employed as managers	306
Number who receive wages	37
Average daily wages	$2.18
Number men employed as clerks	623
Number who receive wages	611
Average daily wages	$2.37
Number women employed as clerks	100
Number who receive wages	97
Average daily wages	$1.71
Number men employed as cashiers	29
Number who receive wages	29
Average daily wages	$2.69
Number women employed as cashiers	105
Number who receive wages	105
Average daily wages	$1.76
Number waiters employed	613
Number who receive wages	604
Average daily wages	$1.28
Number waitresses employed	1,408
Number who receive wages	1,381
Average daily wages	$0.93
Number porters employed	423
Number who receive wages	420
Average daily wages	$1.37
Number scrub women employed	250
Number who receive wages	250
Average daily wages	$1.04
Number elevator conductors employed	174
Number who receive wages	174
Average daily wages	$1.38
Number bell boys employed	396
Number who receive wages	396
Average daily wages	$0.67
Number chambermaids employed	1,245
Number who receive wages	1,229
Average daily wages	$0.95
Number men dishwashers employed	152
Number who receive wages	151
Average daily wages	$1.19

Digitized by Google

Number women dishwashers employed	476
Number who receive wages	474
Average daily wages	$0.86
Number men cooks employed	404
Number who receive wages	395
Average daily wages	$2.81
Number women cooks employed	497
Number who receive wages	410
Average daily wages	$1.52
Number men kitchen assistants employed	194
Number who receive wages	192
Average daily wages	$1.52
Number women kitchen assistants employed	277
Number who receive wages	271
Average daily wages	$0.98
Number other men employed	921
Number who receive wages	920
Average daily wages	$2.05
Number other women employed	649
Number who receive wages	649
Average daily wages	$1.18
Whole number employed	9,963
Number who receive wages	8,911
Aggregate daily wages	$12,592.36
Average daily wages	$1.41

Digitized by Google

RESTAURANT INSPECTION.

Name of restaurant, town where located, number persons employed.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	ALGER COUNTY.				
May 11	Clover Leaf Cafe	Munising	1	4	5
May 8	Manufactors Boarding House	Munising	2	5	7
	ALLEGAN COUNTY.				
Oct. 3	Boston Cafe	Allegan	5	1	6
Oct. 3	Palace Cafe	Allegan	.....	4	4
	ALPENA COUNTY.				
July 21	Owl Cafe, The	Alpena	5	.....	5
July 28	Strand's Cafe	Alpena	1	2	3
	ANTRIM COUNTY.				
April 12	City Restaurant	Bellaire	1	1	2
	BARAGA COUNTY.				
Aug. 27	Berlin Boarding House	L'Anse	1	4	5
Aug. 28	Exchange Hotel, (boarding house)	L'Anse	1	5	6
	BAY COUNTY.				
Sept. 25	Fuller's Restaurant	Bay City	2	17	19
Oct. 2	Harmony Cafeteria	Bay City	4	13	17
Sept. 20	Manassa's Restaurant	Bay City	1	6	7
Sept. 20	Schrader's Restaurant	Bay City	.....	7	7
Sept. 14	Woman's Exchange Restaurant	Bay City	.....	8	8
Sept. 12	Clauss, William Restaurant	Linwood	1	.....	1
	BERRIEN COUNTY.				
Nov. 21	Buchanan Inn	Buchanan	2	4	6
Nov. 19	Hilderbrand Restaurant	Ni'es	1	3	4
Nov. 19	Interurban Cafe	Niles	4	3	7
	CALHOUN COUNTY.				
Nov. 14	Albion Home Restaurant	Albion	3	1	4
Nov. 16	Hoaglin & Ganka	Albion	5	.....	5
Nov. 16	Hub Restaurant	Albion	2	.....	2
Oct. 8	Adam's Cafe	Battle Creek	7	1	8
Sept. 24	Arcadia Restaurant	Battle Creek	3	11	14
Oct. 8	Baltimore Restaurant	Battle Creek	3	5	8
Oct. 25	Big Ben Restaurant	Battle Creek	3	5	8
Oct. 11	Bright Spot Cafe	Battle Creek	1	4	5
Oct. 9	Busy Bee Restaurant	Battle Creek	14	4	18
Oct. 12	Dad's Cafe	Battle Creek	3	7	10

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	CALHOUN CO.—*Con.*				
Sept. 18	Merchant's Restaurant	Battle Creek	3	9	12
Oct. 23	O. K. Cafe	Battle Creek	4	5	9
Oct. 9	Olympic Lunch	Battle Creek	16	.....	16
Oct. 9	Palace Cafe, The	Battle Creek	9	1	10
Oct. 9	Queen City Cafe	Battle Creek	13	.....	13
Nov. 2	Sack's Quick Lunch	Battle Creek	4	9	13
Oct. 12	Sheas, Miss Dining Parlors	Battle Creek	4	5	9
Oct. 25	Snug Restaurant	Battle Creek	9	1	10
Oct. 12	South Side Cafe	Battle Creek	3	1	4
Oct. 11	Square Deal Cafe	Battle Creek	2	1	3
Oct. 8	Square Deal Cafe	Battle Creek	3	3	6
Oct. 25	Stroud's Restaurant	Battle Creek	4	10	14
Oct. 9	Trio Cafe	Battle Creek	8	3	11
Oct. 12	Wright Restaurant	Battle Creek	2	5	7
Oct. 12	Y. W. C. A. Restaurant	Battle Creek	.....	19	19
Nov. 19	Home Restaurant	Homer	1	1	2
Nov. 7	Gem City Cafe	Marshall	6	9	15
Nov. 9	Sun Beam Restaurant	Marshall	1	2	3
	CASS COUNTY.				
Nov. 9	Interurban Cafe	Dowagiac	1	3	4
	CHARLEVOIX COUNTY.				
May 28	Silver Moon Cafe	Boyne City	1	2	3
June 4	Moore's Restaurant	Charlevoix	1	5	6
June 8	Pfister's Restaurant	Charlevoix	1	3	4
June 12	White Star Restaurant	East Jordan	2	4	6
	CHEBOYGAN COUNTY.				
Aug. 29	Baddia, Frank Restaurant	Cheboygan	1	2	3
Sept. 6	Elliott's Cafe	Cheboygan	.....	3	3
Sept. 5	Hub Restaurant	Cheboygan	2	4	6
Sept. 5	Simpson's Cafe	Cheboygan	1	5	6
Sept. 7	Michigan Central Restaurant	Mackinaw City	3	8	11
	CHIPPEWA COUNTY.				
Jan. 29	Gleason, John Boarding House	Brimley	1	2	3
Jan. 24	Manhattan Restaurant	Sault Ste. Marie	2	6	8
Jan. 25	Savoy Cafe	Sault Ste. Marie	5	4	9
	CLINTON COUNTY.				
Aug. 24	Silver Moon Cafe	Ovid	1	1	2
Aug. 25	Gem Restaurant	St. Johns	1	4	5
Aug. 25	Globe Restaurant, The	St. Johns	4	.....	4
	CRAWFORD COUNTY.				
Sept. 26	Allen's Restaurant	Grayling	3	2	5
Sept. 22	Hodge & King Restaurant	Grayling	6	2	8
Sept. 25	Hodge & King Restaurant	Grayling	5	.....	5
Sept. 26	Landburg, Max Restaurant	Grayling	4	.....	4

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	Delta County.				
April 19	Elk's Cafe	Escanaba	3	6	9
April 20	Everybody's Delicatessen	Escanaba	3	6	9
April 9	Pearl Restaurant, The	Escanaba	1	2	3
April 16	Tilbert's Little Cafe	Escanaba	3	2	5
April 10	Wilson Lunch Room	Escanaba	4	.....	4
May 3	Del Monico Cafe	Gladstone	.....	4	4
	Dickinson County.				
Jan. 11	Empire Restaurant	Iron Mountain	.....	4	4
	Eaton County.				
June 7	Crout's Cafe	Charlotte	2	4	6
June 12	Home Restaurant	Eaton Rapids	1	2	3
June 19	Le Grand Cafe	Grand Ledge	1	3	4
June 15	Ball, C. B. Restaurant	Olivet	1	1	2
	Emmet County.				
May 17	Culp, N. W. Restaurant	Alanson	1	2	3
June 18	Bay View House Restaurant	Bay View	4	18	22
May 10	Moore's Restaurant	Harbor Springs	2	1	3
May 10	Isaac, Frank Restaurant	Harbor Springs	3	1	4
June 22	Studio Tea Room, The	Harbor Springs	1	5	6
May 3	Jesperson, Y. Restaurant	Petoskey	5	.....	5
May 7	Candy Kitchen Restaurant	Petoskey	1	1	2
	Genesee County.				
Dec. 24	Colonial Restaurant, The	Flint	3	4	7
Dec. 24	Home Restaurant	Flint	5	5	10
Dec. 24	May's Restaurant	Flint	4	.....	4
Dec. 22	Opera Cafe, The	Flint	6	3	9
Jan. 7	Quick Bee Lunch	Flint	5	12	17
Dec. 22	Sanitary Restaurant	Flint	3	6	9
Dec. 22	Smith Restaurant	Flint	1	8	9
Dec. 22	Thompson's Restaurant	Flint	13	5	18
Dec. 24	Uneeda Cafe	Flint	3	6	9
	Gogebic County.				
Dec. 3	Arcade Cafe	Ironwood	4	5	9
Dec. 4	Maki, Jacob Restaurant	Ironwood	1	3	4
Dec. 6	Tikkala, Matt Restaurant	Ironwood	1	13	14
	Grand Traverse County.				
May 16	Little Tavern Restaurant	Traverse City	3	3	6
May 11	Sam's Cafe	Traverse City	5	7	12
	Gratiot County.				
May 10	European Cafe	Alma	4	2	6
May 15	Gray's Restaurant	Alma	3	4	7
May 15	Star Restaurant	Alma	1	5	6
May 15	Van's Restaurant	Alma	2	2	4
May 17	Stull, Bert Restaurant	Ithaca	1	3	4

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	HOUGHTON COUNTY.				
Oct. 12	Crellin's Restaurant	Calumet	1	1	2
Oct. 15	Michigan Cafe	Calumet	2	6	8
Oct. 12	St. Paul Cafe & Lunch Room	Calumet	3	2	5
Sept. 21	Central House	Hancock	1	2	3
Sept. 29	Hancock House Restaurant	Hancock	1	2	3
Sept. 29	Home Boarding House	Hancock	1	2	3
Sept. 20	Huggins, John Restaurant	Hancock	2	1	3
Sept. 21	Mendelin, Edward Restaurant	Hancock	1	3	4
Sept. 22	Republic Cafe	Hancock	1	1	2
Sept. 5	Angelo's Restaurant	Houghton	4	4	8
Sept. 8	Belfry, Alec Restaurant	Houghton	1	1	2
Sept. 12	Woodlawn Cafe	Houghton	1	3	4
Nov. 12	Calumet & Hecla Boarding House	Lake Linden	.....	3	3
Nov. 12	Pearce Boarding House	Lake Linden	.....	1	1
	INGHAM COUNTY.				
Aug. 11	Boston Cafe, The	Lansing	14	1	15
Sept. 11	Busy Bee Restaurant	Lansing	4	5	9
Aug. 13	Capitol Lunch	Lansing	5	2	7
Oct. 11	Capitol City Restaurant	Lansing	2	3	5
Oct. 11	Cozy Restaurant	Lansing	3	4	7
Aug. 13	Detroit Lunch	Lansing	9	2	11
Aug. 13	Eagle Restaurant	Lansing	5	3	8
Oct. 11	Elk Restaurant, The	Lansing	7	2	9
Aug. 10	Empress Restaurant	Lansing	2	9	11
Aug. 11	Havens, G. B. Restaurant	Lansing	2	8	10
Aug. 11	Huntington's Cafeteria	Lansing	.....	15	15
Aug. 13	Imperial Lunch	Lansing	1	4	5
Aug. 13	Lansing Cafe	Lansing	11	.....	11
Sept. 12	Paris Cafe	Lansing	15	.....	15
Sept. 12	Peckham's Restaurant	Lansing	.....	10	10
Aug. 11	Stevens' Cafeteria	Lansing	1	19	20
Aug. 11	United States Lunch	Lansing	4	5	9
	IONIA COUNTY.				
Aug. 15	City Restaurant	Belding	.....	6	6
Aug. 1	Dehn's, John Restaurant	Belding	5	.....	5
Aug. 13	O'Bryon's, Frank Restaurant	Belding	2	3	5
Aug. 16	Sparks & Gamber's Restaurant	Belding	1	2	3
Aug. 31	McCumsey's, W. Restaurant	Clarksville	1	2	3
Aug. 7	Baxter, A. A. Restaurant	Ionia	5	.....	5
Aug. 7	Cobb & Bowerman's Restaurant	Ionia	3	10	13
Aug. 7	Columbia Candy Co. Restaurant	Ionia	2	3	5
Aug. 8	Gallagher's, James Restaurant	Ionia	3	.....	3
Aug. 7	Ionia Cafe	Ionia	4	2	6
Aug. 8	Nelson's Restaurant	Ionia	2	1	3
Aug. 8	Ross & Hamlin	Ionia	3	.....	3
Aug. 7	Sugar Bowl, The	Ionia	4	2	6
Aug. 29	Lake Odessa Book Exchange	Lake Odessa	1	2	3
Aug. 29	McCoy, C. Boarding House	Lake Odessa	1	1	2
Aug. 30	Myers, Glenn E. Restaurant	Lake Odessa	2	.....	2
Aug. 27	Riblet, A. Restaurant	Lake Odessa	2	.....	2
Aug. 17	Slater & Slater's Restaurant	Muir	2	.....	2
Aug. 23	Fuller, R. D. Restaurant	Portland	1	2	3
Aug. 22	Miller, John W.	Portland	2	.....	2
Sept. 8	Conner & Keller's Restaurant	Saranac	2	.....	2
Sept. 18	Myers, H. C. Restaurant	Saranac	1	1	2

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	Iosco County.				
Aug. 7	Schill Restaurant	East Tawas	1	1	2
Aug. 6	Farmer's Restaurant	Tawas City	1	1	2
	Iron County.				
Jan. 5	Larson's, Oscar Restaurant	Iron River	3	.....	3
Dec. 31	Schook, W. J. Restaurant	Iron River	3	2	5
	Jackson County.				
Aug. 14	American Restaurant, The	Jackson	1	3	4
Aug. 28	City Restaurant	Jackson	5	4	9
Aug. 14	Valentine & Sears Restaurant	Jackson	2	15	17
	Kalamazoo County.				
Dec. 19	Asia Inn	Kalamazoo	5	4	9
Nov. 10	Bon Ton Restaurant	Kalamazoo	1	4	5
Dec. 19	Blue Bird Tea Room	Kalamazoo	1	4	5
Dec. 19	Empire Restaurant	Kalamazoo	6	6	12
Nov. 24	Green Tea Pot, The	Kalamazoo	1	3	4
Nov. 10	Haymarket Restaurant	Kalamazoo	2	2	4
Nov. 10	Hub Restaurant, The	Kalamazoo	9	6	15
Nov. 10	Hudson Lunch	Kalamazoo	10	2	12
Nov. 10	New Urban Restaurant	Kalamazoo	4	.....	4
Dec. 15	O'Neils Restaurant	Kalamazoo	7	5	12
Nov. 10	Paris Cafe	Kalamazoo	4	1	5
Nov. 10	Sun Restaurant & Lunch Room	Kalamazoo	3	.....	3
Dec. 19	White Kitchen Restaurant	Kalamazoo	5	3	8
Dec. 19	Wilcox, A. G	Kalamazoo	1	2	3
	Kent County.				
Oct. 25	Caledonia Lunch Room	Caledonia	2	.....	2
Oct. 3	Bradley, Berton Restaurant	Cedar Springs	1	2	3
Oct. 3	Moore, J. E	Cedar Springs	1	.....	1
Sept. 13	Alt Heidelberg Restaurant	Grand Rapids	4	.....	4
Oct. 20	Baltimore Dairy Lunch	Grand Rapids	3	3	6
Nov. 26	Baltimore Dairy Lunch	Grand Rapids	3	4	7
Jan. 1	Beash's Restaurant	Grand Rapids	4	8	12
Nov. 26	Bonnie Collation, The	Grand Rapids	4	18	22
Jan. 14	Cody Hotel Cafeteria	Grand Rapids	4	24	28
Sept. 15	Columbia Candy Co. Restaurant	Grand Rapids	6	1	7
Oct. 19	Eldred's Dairy Lunch	Grand Rapids	3	4	7
Nov. 26	Eldred's Dairy Lunch	Grand Rapids	3	6	9
Sept. 15	Empress Dairy Lunch	Grand Rapids	3	5	8
Oct. 18	Galy Restaurant	Grand Rapids	4	3	7
Jan. 1	Hall's Restaurant	Grand Rapids	2	3	5
Jan. 1	Herkimer Cafe	Grand Rapids	.....	5	5
Sept. 15	Hermitage Cafe	Grand Rapids	3	5	8
Nov. 9	Innovation Restaurant, The	Grand Rapids	4	14	18
Sept. 15	Lawrence's Lunch Room	Grand Rapids	10	8	18
Oct. 19	Lenox Cafe, The	Grand Rapids	1	4	5
Sept. 15	Lyon Cafe, The	Grand Rapids	2	9	11
Dec. 24	Michigan Restaurant, The	Grand Rapids	2	2	4
Oct. 18	Oak Cafe, The	Grand Rapids	2	7	9
Dec. 4	Pantlind Coffee Shop	Grand Rapids	5	13	18
Dec. 24	Paris Cafe	Grand Rapids	6	6	12

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	KENT CO.—*Con.*				
Oct. 20	Perry's Lunch	Grand Rapids	3	1	4
Dec. 21	Puritan Dairy Lunch, The	Grand Rapids	7	9	16
Nov. 9	Quaker Dairy Lunch	Grand Rapids	7	8	15
Nov. 26	Royal Lunch	Grand Rapids	8	12	20
Nov. 9	Thomson's Cafe	Grand Rapids	8	8	16
Nov. 8	Thomson's Bakery Restaurant	Grand Rapids	1	2	3
Oct. 20	Thompson's Restaurant	Grand Rapids	8	8	16
Oct. 18	Uwanta Lunch	Grand Rapids	4	7	11
Dec. 21	Uwanta To Eat	Grand Rapids	.....	2	2
Sept. 13	Walbridge's Restaurant	Grand Rapids	.....	3	3
Sept. 15	White Eagle Cafe, The	Grand Rapids	3	.....	3
Sept. 6	Lasby & Son Restaurant	Lowell	2	2	4
Oct. 9	Rockford Restaurant, The	Rockford	2	.....	2
Oct. 9	Ye Wayside Inn	Rockford	1	2	3
Oct. 2	Blackburn, A. J	Sand Lake	1	2	3
Oct. 23	Brown's Restaurant	Sparta	1	4	5
Oct. 24	Elkin's Restaurant	Sparta	1	2	3
	LAKE COUNTY.				
May 18	Cain's Bakery & Restaurant	Luther	1	2	3
	LAPEER COUNTY.				
Dec. 14	Stiles' Cafe	Lapeer	4	1	5
Dec. 8	White Front Restaurant	Imlay City	1	2	3
	LEELANAU COUNTY.				
Oct. 4	Peppin, L. Restaurant	Suttons Bay	1	2	3
	LENAWEE COUNTY.				
Dec. 5	Quick Service Restaurant	Adrian	5	3	8
Dec. 5	Utopia Restaurant	Adrian	.....	5	5
Dec. 12	Hyalop Restaurant	Morenci	2	3	5
	MACOMB COUNTY.				
Oct. 4	Earl's Help-Self Restaurant	Mt. Clemens	2	6	8
Oct. 4	Frank's Cafe	Mt. Clemens	6	1	7
Oct. 4	Hof Brau Cafe	Mt. Clemens	4	3	7
Oct. 14	Moser's Quick Lunch	Mt. Clemens	5	5	10
Oct. 4	Reep & Carney's Restaurant	Mt. Clemens	5	3	8
Oct. 4	Richelieu Cafe	Mt. Clemens	5	1	6
Oct. 4	Walnut Cafe, The	Mt. Clemens	2	6	8
Sept. 28	Wappner Restaurant, The	Mt. Clemens	.....	5	5
Oct. 4	White Kitchen Restaurant	Mt. Clemens	10	7	17
	MANISTEE COUNTY.				
Feb. 23	Chop Suey Restaurant	Manistee	2	1	3
Feb. 23	Square Meal Restaurant	Manistee	.....	6	6
Feb. 23	Warnahall's Restaurant	Manistee	2	5	7

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	MARQUETTE COUNTY.				
June 11	Ishpeming Cafe	Ishpeming	.....	3	3
June 7	Grill Cafe & Quick Lunch, The	Marquette	4	.....	4
May 31	Parisian Cafe	Marquette	6	2	8
	MASON COUNTY.				
May 1	Hub Restaurant	Ludington	4	2	6
April 28	Ricklef's Restaurant	Ludington	1	2	3
April 28	Star Restaurant	Ludington	.....	1	1
May 15	Shurm's Bakery Restaurant	Scottville	2	4	6
	MECOSTA COUNTY.				
Mar. 27	Ideal Restaurant	Big Rapids	7	1	8
Mar. 30	Sellas Cafe	Big Rapids	6	4	10
Mar. 27	West's Cafe	Big Rapids	6	2	8
	MENOMINEE COUNTY.				
Jan. 23	Depot Lunch Room	Powers	1	4	5
	MIDLAND COUNTY.				
Oct. 22	Main Candy Co. Restaurant	Midland	5	5	10
Oct. 23	Tripp, C. A. Restaurant	Midland	1	.....	1
	MISSAUKEE COUNTY.				
Feb. 15	Schooley's Restaurant	Lake City	1	3	4
	MONROE COUNTY.				
Feb. 5	City Restaurant	Monroe	4	2	6
Nov. 20	Olympia Restaurant	Monroe	8	1	9
	MONTCALM COUNTY.				
June 20	Felice Brothers Cafe	Greenville	5	2	7
	MUSKEGON COUNTY.				
Sept. 5	American Cafe	Muskegon	1	7	8
Aug. 27	Brebur's Cafe	Muskegon	2	15	17
Sept. 6	Chop Suey Restaurant	Muskegon	2	.....	2
Sept. 5	Delmar Restaurant	Muskegon	7	6	13
Sept. 11	Demors Brothers Restaurant	Muskegon	1	.....	1
Oct. 12	Eaton's Boarding House	Muskegon	2	12	14
Oct. 16	Gillard, Richard C. Restaurant	Muskegon	3	7	10
Sept. 5	Helm Boarding House	Muskegon	2	3	5
Sept. 6	King Sun Lo Restaurant	Muskegon	4	.....	4
Sept. 5	Mac's Restaurant	Muskegon	3	5	8
Sept. 11	McEnter's Cafe	Muskegon	4	.....	4
Dec. 19	McFarland Drug Co	Muskegon	4	1	5
Sept. 5	Michigan Restaurant	Muskegon	1	5	6
Sept. 6	Muskegon Cafeteria	Muskegon	1	5	6
Sept. 5	Poirier Boston Lunch	Muskegon	4	5	9

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	MUSKEGON CO.—*Con.*				
Oct. 2	Richards, Mrs. L. W.	Muskegon	2	1	3
Sept. 5	Silver Moon	Muskegon	.....	1	1
Sept. 7	Victoria Cafe	Muskegon	.....	3	3
Nov. 8	Hurry Back Restaurant	Muskegon Heights	3	2	5
Nov. 14	Gallup's Lunch Room	Muskegon Heights	2	1	3
Nov. 12	Home Bakery & Restaurant	Ravenna	2	2	4
	OAKLAND COUNTY.				
Sept. 14	Birmingham Inn	Birmingham	3	1	4
Oct. 25	Kenwood Cafe	Pontiac	5	10	15
Oct. 19	Panos Restaurant	Pontiac	4	7	11
Oct. 17	Pontiac Restaurant	Pontiac	7	1	8
Oct. 8	Royal Restaurant	Pontiac	9	.....	9
Oct. 9	Serve Self Restaurant	Pontiac	5	3	8
Sept. 28	South Side Restaurant	Pontiac	2	4	6
Sept. 26	Tip Top Restaurant	Pontiac	4	2	6
Oct. 25	Gibbs, O. P. Restaurant	Rochester	.....	3	3
Sept. 18	Central Lunch	Royal Oak	3	.....	3
	OCEANA COUNTY.				
June 11	Sandberg's Restaurant	Hart	4	3	7
June 11	Heald, A. R. Restaurant	Shelby	2	3	5
	OGEMAW COUNTY.				
Aug. 15	Davis, J. F. Restaurant	West Branch	1	2	3
	OSCEOLA COUNTY.				
Nov. 8	Ideal Restaurant	Reed City	1	.....	1
	OTSEGO COUNTY.				
Sept. 20	Dyer, Minnie Boarding House	Gaylord	.....	2	2
Sept. 19	Miller Restaurant	Gaylord	2	3	5
	OTTAWA COUNTY.				
Jan. 15	Allen's Restaurant	Coopersville	2	2	4
Jan. 11	Mac's Lunch Room	Grand Haven	.....	3	3
Jan. 11	Van Drezer's Restaurant	Grand Haven	1	4	5
Dec. 28	Boston Restaurant	Holland	4	3	7
Dec. 28	Burn's Cafe	Holland	3	4	7
Dec. 28	Hotel Cafe	Holland	2	4	6
Dec. 29	Keefer's Restaurant	Holland	2	4	6
Jan. 4	Colonial Cafe	Zeeland	.....	4	4
	SAGINAW COUNTY.				
Dec. 11	Hammel, William H. Restaurant	Bridgeport	1	2	3
Dec. 19	Morrow & Gotham's Restaurant	Merrill	2	.....	2
Oct. 25	Arnold's Restaurant	Saginaw	2	3	5
Jan. 4	Bender's Restaurant	Saginaw	5	9	14
Oct. 4	Holm, C. W. Restaurant	Saginaw	3	.....	3

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	SAGINAW CO.—*Con.*				
Nov. 21	McCray's Restaurant	Saginaw	.....	2	2
Oct. 22	Nash, C. B.	Saginaw	1	3	4
Oct. 22	O'Meara's Restaurant	Saginaw	2	7	9
Nov. 21	Sanitary Self Serve Restaurant	Saginaw	5	4	9
Oct. 15	Thompson, J. R. Co. Restaurant,	Saginaw	15	4	19
Oct. 18	Van Tiflin's Restaurant	Saginaw	2	5	7
Sept. 27	Wright Snow Restaurant	Saginaw	2	10	12
Oct. 23	Will's Restaurant	Saginaw	2	4	6
Sept. 19	Wright's Restaurant	Saginaw	1	4	5
Nov. 10	Wright's Restaurant	Saginaw	8	.....	8
	ST. CLAIR COUNTY.				
Aug. 27	Busy Bee Restaurant	Port Huron	3	4	7
Aug. 27	Canada Railway News Co	Port Huron	2	3	5
Aug. 24	Conkleman's Restaurant	Port Huron	1	12	13
Aug. 22	Serve Self Restaurant	Port Huron	5	9	14
	ST. JOSEPH COUNTY.				
Dec. 11	Boston Coffee House, The	Sturgis	1	2	3
Dec. 11	Empire Restaurant	Sturgis	2	3	5
Dec. 11	Martin's Restaurant	Sturgis	3	2	5
	SCHOOLCRAFT COUNTY.				
Jan. 24	Olympia Cafe, The	Manistique	2	2	4
	SHIAWASSEE COUNTY.				
Jan. 22	Grand Trunk Dining Hall	Durand	5	8	13
	TUSCOLA COUNTY.				
Sept. 13	Club Restaurant, The	Caro	4	.....	4
Sept. 3	Middaugh, F. H. Restaurant	Caro	2	6	8
Aug. 23	Stratton's Restaurant	Caro	4	.....	4
Aug. 22	Dorr, A. Restaurant	Cass City	3	.....	3
Aug. 21	Bodimer's Restaurant	Vassar	3	2	5
	VAN BUREN COUNTY.				
Nov. 1	Fisk, G. W. Restaurant	Lawton	1	4	5
Oct. 1	Jones, J. Restaurant	Lawton	1	4	5
Oct. 26	Progressive Hotel Co. Restaurant	South Haven	2	4	6
	WASHTENAW COUNTY.				
Aug. 15	Ann Arbor Cafe	Ann Arbor	2	2	4
Sept. 7	Baltimore Dairy Lunch	Ann Arbor	4	.....	4
Aug. 30	Chop Suey Restaurant	Ann Arbor	1	.....	1
Aug. 14	Colonial Cafe	Ann Arbor	.....	2	2
Sept. 1	Court Cafe	Ann Arbor	5	1	6
Aug. 17	Cafe Plaza Restaurant, The	Ann Arbor	1	1	2

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	WASHTENAW CO.—*Con.*				
Aug. 30	Detroit Lunch & Restaurant	Ann Arbor	1	1	2
Sept. 7	Oren's Cafeteria	Ann Arbor	4	4	8
Aug. 16	Painter's Restaurant	Ann Arbor	1	5	6
Sept. 7	Prochnow's Dairy Lunch	Ann Arbor	8	.....	8
Aug. 30	U. of M. Restaurant	Ann Arbor	2	2	4
Aug. 29	Chelsea Restaurant & Cafe	Chelsea	.....	3	3
Aug. 28	Lemmon & Co. F. Restaurant	Dexter	1	1	2
July 17	Mission Lunch	Ypsilanti	.....	11	11
July 16	Pioneer Lunch	Ypsilanti	5	1	6
July 17	Ypsilanti Restaurant	Ypsilanti	1	3	4
	WAYNE COUNTY.				
Jan. 17	Adams Brothers Quick Lunch	Detroit	10	4	14
Jan. 10	A. & L. Lunch	Detroit	4	3	7
Jan. 17	American Lunch Room	Detroit	5	1	6
Jan. 14	American Restaurant	Detroit	3	1	4
Jan. 25	Andrews' Lunch	Detroit	6	.....	6
Jan. 18	Andrews' Lunch	Detroit	5	2	7
Jan. 22	A Southern Way Restaurant	Detroit	1	5	6
Jan. 3	Avenue Lunch	Detroit	2	4	6
Jan. 18	Baltimore Lunch	Detroit	12	.....	12
Jan. 18	Baltimore Lunch	Detroit	20	.....	20
Jan. 18	Baltimore Lunch	Detroit	15	.....	15
Jan. 21	Baltimore Lunch	Detroit	12	.....	12
Jan. 21	Baltimore Lunch	Detroit	23	.....	23
Jan. 15	B. and B. Restaurant	Detroit	9	1	10
Jan. 18	Beaudoin's Lunch	Detroit	7	1	8
Jan. 22	Beer's Restaurant	Detroit	1	6	7
Jan. 18	Belmont Restaurant	Detroit	2	3	5
Jan. 3	Belmont Lunch	Detroit	14	3	17
Jan. 8	Beltramini & Rush	Detroit	4	7	11
Jan. 8	Beltramini & Rush	Detroit	3	9	12
Jan. 22	Bladon & Co. Restaurant	Detroit	7	21	28
Jan. 9	Blessed's Lunch	Detroit	25	9	34
Jan. 21	Blessed's Lunch	Detroit	9	12	21
Jan. 22	B. and L. Cafeteria	Detroit	6	2	8
Jan. 21	Board of Commerce Restaurant	Detroit	16	40	56
Jan. 9	Boerth Quick Lunch	Detroit	12	7	19
Jan. 9	Boerth Quick Lunch	Detroit	12	7	19
Jan. 9	Boerth Quick Lunch	Detroit	9	10	19
Jan. 9	Boerth Quick Lunch	Detroit	12	7	19
Jan. 15	Borton Restaurant	Detroit	.....	4	4
Jan. 15	Boston Oyster House	Detroit	6	1	7
Jan. 22	Boston Dairy Lunch	Detroit	8	3	11
Jan. 17	Boston Oyster House	Detroit	6	1	7
Jan. 15	Boulevard Restaurant, The	Detroit	2	3	5
Jan. 4	Breakey, J. A. Restaurant	Detroit	2	3	5
Jan. 10	Brennan's Restaurant	Detroit	11	24	35
Jan. 9	Brennan-Fitzgerald & Sink's Restaurant	Detroit	21	.....	21
Jan. 31	Brigg's Restaurant	Detroit	10	3	13
Jan. 23	Brown Pharmacy Lunch	Detroit	17	34	51
Jan. 11	Buerger's Quick Lunch	Detroit	4	3	7
Jan. 11	Burke's Restaurant	Detroit	7	3	10
Jan. 18	Busy Bee Restaurant	Detroit	1	5	6
Jan. 11	Busy Bee Restaurant	Detroit	7	1	8
Jan. 17	Cadillac Lunch	Detroit	6	.....	6
Jan. 16	Cadillac Restaurant	Detroit	6	2	8

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	WAYNE CO.—*Con.*				
Jan. 11	Cadillac Restaurant	Detroit	3	1	4
Jan. 15	Cafeteria Lunch	Detroit	5	2	7
Jan. 15	Car-ren Cafeteria	Detroit	15	2	17
Jan. 25	Carey, Mrs. M. Restaurant	Detroit	1	3	4
Jan. 10	Cathay Restaurant	Detroit	6	1	7
Jan. 21	Catholic Business Women's Club	Detroit	.....	12	12
Jan. 29	Cawthorne, Robert Restaurant	Detroit	5	1	6
Jan. 8	Central Lunch	Detroit	6	4	10
Jan. 8	Central Lunch Club	Detroit	9	24	33
Jan. 16	Central Restaurant	Detroit	1	1	2
Jan. 17	Chicago Quick Lunch	Detroit	2	1	3
Jan. 14	Chicago Restaurant & Lunch, The	Detroit	2	2	4
Jan. 15	Chili Con Carne Parlors	Detroit	1	2	3
Jan. 25	Chinese Republic Restaurant	Detroit	25	1	26
Jan. 14	City Restaurant	Detroit	3	1	4
Jan. 17	City Restaurant	Detroit	4	1	5
Jan. 15	Clayton's Cafe	Detroit	14	14	28
Jan. 10	Coffey's Dairy Lunch	Detroit	5	1	6
Jan. 10	Colonial Restaurant & Lunch Room, The	Detroit	8	.....	8
Jan. 22	Comfort Lunch	Detroit	1	1	2
Jan. 25	Commercial Restaurant	Detroit	3	3	6
Jan. 3	Congress Lunch	Detroit	1	3	4
Jan. 17	Cooke, Edward F	Detroit	2	4	6
Jan. 18	Costello Restaurant	Detroit	.....	8	8
Jan. 11	Crosstown Cafeteria	Detroit	7	2	9
Jan. 11	Crosstown Restaurant	Detroit	6	2	8
Jan. 13	Crowley, Milner Co. Restaurant	Detroit	9	47	56
Jan. 18	Cunningham's Restaurant	Detroit	.....	5	5
Jan. 18	D. A. C. Cafe	Detroit	1	.....	1
Jan. 14	Dairy Lunch & Restaurant	Detroit	6	2	8
Jan. 15	Dairy Lunch Room	Detroit	3	.....	3
Jan. 16	Dairy Lunch	Detroit	2	2	4
Jan. 1	Dean, L. B. Restaurant	Detroit	7	5	12
Jan. 18	Decesare, F. Restaurant	Detroit	2	2	4
Jan. 23	Delmar Restaurant	Detroit	6	1	7
Jan. 9	Delmonico	Detroit	9	.....	9
Jan. 9	Delmont Restaurant, The	Detroit	41	24	65
Jan. 23	De Luxe Lunch	Detroit	2	2	4
Jan. 21	Demas, T. Restaurant	Detroit	4	1	5
Jan. 10	Derby Restaurant	Detroit	5	2	7
Jan. 29	Detroit Athletic Club	Detroit	10	60	70
Jan. 9	Detroit Box Lunch Co	Detroit	.....	2	2
Jan. 25	Detroit Box Lunch Co	Detroit	1	4	5
Jan. 10	Detroit Box Lunch Co	Detroit	2	.....	2
Jan. 10	Detroit Lunch Co	Detroit	6	30	36
Jan. 25	Detroit Restaurant	Detroit	6	1	7
Jan. 22	Dime Bank Building Lunch Co., The	Detroit	4	21	25
Jan. 18	D. and L. Quick Lunch	Detroit	5	.....	5
Jan. 29	Dolanga, Charles Restaurant	Detroit	6	.....	6
Jan. 18	Doran's, John Cafe	Detroit	8	3	11
Jan. 15	Duplex Restaurant	Detroit	9	14	23
Jan. 15	Elgin Lunch	Detroit	7	6	13
Jan. 23	Elgin Lunch	Detroit	4	1	5
Jan. 22	Erwin Restaurant	Detroit	1	4	5
Jan. 14	European Restaurant	Detroit	1	5	6
Jan. 15	Factory Lunch Co	Detroit	7	3	10
Jan. 23	Fair Deal Lunch	Detroit	1	1	2
Jan. 10	Fairview Restaurant	Detroit	1	4	5
Jan. 4	Fay Lunch, The	Detroit	13	.....	13
Jan. 14	Fleisher, H. & C. Restaurant	Detroit	8	2	10

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	WAYNE CO.—*Con.*				
Jan. 14	Ford's Cafeteria	Detroit	5	6	11
Jan. 14	Ford's Lunch	Detroit	9	.....	9
Jan. 15	Ford's Lunch	Detroit	14	3	17
Jan. 16	Ford's Lunch	Detroit	7	12	19
Jan. 15	Ford's Lunch	Detroit	11	4	15
Jan. 8	Ford's Lunch	Detroit	13	3	16
Jan. 22	Ford Lunch	Detroit	5	2	7
Jan. 18	Fournier Restaurant	Detroit	.....	4	4
Jan. 23	Frankhouse Restaurant	Detroit	1	3	4
Jan. 10	Frost, V. B	Detroit	2	3	5
Jan. 23	Gage's Lunch	Detroit	.....	4	4
Jan. 22	Geddes Restaurant	Detroit	1	5	6
Jan. 9	Gladstone Lunch	Detroit	13	1	14
Jan. 11	Grand Boulevard Cafeteria	Detroit	6	3	9
Jan. 29	Grandma's Lunch Room	Detroit	.....	3	3
Jan. 15	Grandstaff Lunch	Detroit	12	.....	12
Jan. 15	Greenfield's Restaurant	Detroit	25	6	31
Jan. 21	Hair's Restaurant	Detroit	1	16	17
Jan. 11	Hamelef & De Foe's Restaurant	Detroit	10	.....	10
Jan. 14	Hanover Lunch & Restaurant	Detroit	1	2	3
Jan. 14	Harris, S. Restaurant	Detroit	2	.....	2
Jan. 25	Hellar Restaurant	Detroit	6	.....	6
Dec. 13	Henry Clay Hotel Cafe	Detroit	4	16	20
Jan. 3	Hilliker Lunch	Detroit	1	7	8
Jan. 14	Hinckle's Restaurant	Detroit	1	4	5
Jan. 23	Holden Lunch	Detroit	5	5	10
Jan. 21	Home Lunch	Detroit	3	.....	3
Jan. 11	Home Lunch Room	Detroit	5	4	9
Jan. 10	Home Restaurant	Detroit	7	2	9
Jan. 29	Home Serve Self	Detroit	2	3	5
Jan. 24	Hudson, J. L. Co. Restaurant	Detroit	3	13	16
Jan. 14	Hungarian Restaurant	Detroit	3	2	5
Jan. 18	Imperial Restaurant	Detroit	8	2	10
Jan. 14	International Restaurant	Detroit	4	3	7
Jan. 10	Jackson, F. E. Restaurant	Detroit	7	6	13
Jan. 10	Jackson Lunch	Detroit	6	.....	6
Jan. 22	Jacob's Restaurant	Detroit	.....	4	4
Jan. 11	Jarvis Cafeteria	Detroit	17	7	24
Jan. 21	Jarvis, F. E. Restaurant	Detroit	10	5	15
Jan. 10	Jefferson Cafeteria	Detroit	7	4	11
Jan. 18	Jenk, J. A. Restaurant	Detroit	3	2	5
Jan. 14	Joseph Brothers Lunch	Detroit	6	2	8
Jan. 11	Karegan Lunch	Detroit	11	1	12
Jan. 22	Kartsen Catering Co	Detroit	14	19	33
Jan. 16	Kellock's Restaurant	Detroit	.....	2	2
Jan. 16	Kellock, R. Restaurant	Detroit	.....	2	2
Jan. 15	Kentucky Kitchen	Detroit	2	3	5
Jan. 15	Kentucky Kitchen	Detroit	1	3	4
Jan. 3	Kentucky Tea Room	Detroit	.....	8	8
Jan. 23	Kercheval Cafeteria	Detroit	2	3	5
Jan. 23	Kercheval Restaurant	Detroit	1	3	4
Jan. 18	Kinsella's Lunch	Detroit	.....	4	4
Jan. 15	Kinter's Restaurant	Detroit	15	21	36
Jan. 15	Knickerbocker Lunch, The	Detroit	4	2	6
Jan. 4	Knoery, C. F. Restaurant	Detroit	2	1	3
Jan. 3	Kreger, W. S. & Co	Detroit	4	14	18
Jan. 9	La Child's Cafeteria	Detroit	15	.....	15
Jan. 25	Lafayette Restaurant	Detroit	1	8	9
Jan. 14	Larsen's Restaurant	Detroit	1	5	6
Jan. 15	Lemon's Cafeteria	Detroit	11	2	13

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	WAYNE CO.—*Con.*				
Jan. 21	Lemon's Restaurant	Detroit	10	7	17
Jan. 17	Liberty Lunch	Detroit	3	2	5
Jan. 10	Lincoln Cafeteria	Detroit	5	7	12
Jan. 21	London's Serveself	Detroit	4	2	6
Jan. 17	Louis Lunch	Detroit	3	1	4
Jan. 15	McBroom Restaurant	Detroit	2	1	3
Jan. 29	McDonald, R. Restaurant	Detroit	9	.....	9
Jan. 11	McGowan's Restaurant	Detroit	1	6	7
Jan. 17	McGowan, M. A. Restaurant	Detroit	1	9	10
Jan. 16	McGowan Restaurant	Detroit	2	4	6
Jan. 4	McKay's Restaurant	Detroit	.....	3	3
Jan. 9	McLeod's Lunch	Detroit	2	6	8
Jan. 9	Madison Cafe	Detroit	4	16	20
Jan. 21	Maerten's, G. J. Restaurant	Detroit	5	1	6
Jan. 4	Main Lunch, The	Detroit	10	.....	10
Jan. 10	Majestic Quick Lunch	Detroit	10	.....	10
Jan. 11	Manhattan Lunch	Detroit	6	1	7
Jan. 22	Manhattan Restaurant	Detroit	6	1	7
Jan. 14	Manhattan Lunch Room	Detroit	3	2	5
Jan. 10	Manos Restaurant	Detroit	8	.....	8
Jan. 17	Marconi Restaurant	Detroit	7	.....	7
Jan. 10	Market Lunch	Detroit	1	3	4
Jan. 21	Marty's Lunch	Detroit	3	7	10
Jan. 25	Marty's Self Serve	Detroit	2	2	4
Jan. 18	Mathews, C. E. Restaurant	Detroit	3	3	6
Jan. 11	Max Lunch No. 4	Detroit	2	1	3
Jan. 23	Maxwell Club Restaurant	Detroit	4	6	10
Jan. 16	Metropolitan Restaurant	Detroit	5	1	6
Jan. 14	Metropolitan Restaurant	Detroit	1	3	4
Jan. 15	Meyers & Rouly Co. Restaurant	Detroit	4	.....	4
Jan. 18	Midel's Restaurant	Detroit	4	3	7
Jan. 25	M. C. R. R.-Y. M. C. A. Restaurant	Detroit	2	3	5
Jan. 17	M. C. R. Lunch	Detroit	6	3	9
Jan. 14	Michigan Restaurant	Detroit	4	2	6
Jan. 4	Miller's, Al. Restaurant	Detroit	1	4	5
Jan. 10	Minerva Restaurant	Detroit	5	2	7
Jan. 23	Morgan Restaurant	Detroit	1	3	4
Jan. 18	Morris-Mitchell Cafeteria	Detroit	13	8	21
Jan. 25	Mulvey's Restaurant	Detroit	.....	2	2
Jan. 10	Nancy's Waffle House	Detroit	.....	4	4
Jan. 17	National Restaurant	Detroit	9	4	23
Jan. 19	Newcomb-Endicott Co. Restaurant	Detroit	5	34	39
Jan. 4	Newcomb-Endicott Restaurant	Detroit	7	27	34
Jan. 10	New Life Restaurant	Detroit	7	.....	7
Jan. 17	New Paris Restaurant	Detroit	6	.....	6
Jan. 11	New York Restaurant	Detroit	10	2	12
Jan. 17	New York Restaurant	Detroit	3	1	4
Jan. 15	New York Restaurant	Detroit	5	2	7
Jan. 11	Oakland Restaurant	Detroit	3	3	6
Jan. 11	O. K. Restaurant	Detroit	8	.....	8
Jan. 23	O. K. Restaurant	Detroit	5	2	7
Jan. 14	O. K. Restaurant	Detroit	3	1	4
Jan. 14	Original College Inn, The	Detroit	9	5	14
Jan. 14	Palace Restaurant	Detroit	1	2	3
Jan. 8	Palace Lunch	Detroit	11	.....	11
Jan. 15	P. and A. Lunch No. 2	Detroit	5	2	7
Jan. 4	Pappas Quick Lunch	Detroit	1	2	3
Jan. 8	New Paris Lunch	Detroit	5	1	6
Jan. 16	Park Lunch & Home Restaurant, The	Detroit	1	3	4
Jan. 4	Penn, William Restaurant	Detroit	30	11	41

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	WAYNE CO.—*Con.*				
Jan. 11	Peoples Restaurant	Detroit	3	.....	3
Jan. 29	Peter, Nick Restaurant	Detroit	4	2	6
Jan. 10	Peters Lunch	Detroit	5	2	7
Jan. 10	Pittsburg Lunch Co	Detroit	17	5	22
Jan. 17	Pittsburg Lunch Co	Detroit	13	6	19
Jan. 17	Pittsburg Lunch Co	Detroit	14	5	19
Jan. 17	Pittsburg Lunch Co	Detroit	13	3	16
Jan. 15	Podolsky, I. Restaurant	Detroit	3	2	5
Jan. 22	Poulos Restaurant	Detroit	5	.....	5
Jan. 14	Puritan Restaurant	Detroit	4	1	5
Jan. 18	Quality & Service Restaurant	Detroit	1	3	4
Jan. 25	Queen Quality Restaurant	Detroit	10	.....	10
Jan. 18	Quick Lunch	Detroit	2	2	4
Jan. 18	Quick Lunch	Detroit	2	3	5
Jan. 15	Quick Service Lunch	Detroit	2	.....	2
Jan. 18	Real Lunch	Detroit	5	1	6
Jan. 21	Recreation Restaurant	Detroit	15	2	17
Jan. 9	Richelieu Lunch	Detroit	11	.....	11
Jan. 8	Riddell Restaurant	Detroit	7	15	22
Jan. 11	Ritter, Walter E. Restaurant	Detroit	2	.....	2
Jan. 17	Roberts & Johnson Lunch	Detroit	3	3	6
Jan. 21	Roberts Lunch	Detroit	6	6	12
Sept. 12	Roberts Lunch	Detroit	7	4	11
Jan. 23	Rose's Restaurant	Detroit	4	9	13
Jan. 11	Ross Lunch	Detroit	.....	4	4
Jan. 22	Roth Restaurant	Detroit	.....	3	3
Jan. 29	Roulo, Fred Restaurant	Detroit	2	2	4
Jan. 3	St. Aubin Restaurant	Detroit	2	1	3
Jan. 10	St. Clair Restaurant	Detroit	6	4	10
Jan. 18	St. John's Arbor	Detroit	10	38	48
Jan. 19	St. John's Arbor	Detroit	18	21	39
Jan. 19	St. John's Arbor	Detroit	4	19	23
Jan. 19	St. John's Arbor	Detroit	14	43	57
Jan. 9	St. Louis Lunch	Detroit	5	2	7
Jan. 10	Saratoga Lunch	Detroit	27	3	30
Jan. 11	Savoy, The	Detroit	8	.....	8
Jan. 11	Saxon Lunch & Restaurant	Detroit	2	2	4
Jan. 23	Seaman Restaurant	Detroit	1	3	4
Jan. 9	Seros Lunch	Detroit	9	1	10
Jan. 15	Serve Self Restaurant	Detroit	2	1	3
Jan. 15	Serve Self Lunch	Detroit	1	2	3
Jan. 16	Smith's, Al. Lunch	Detroit	8	4	12
Jan. 10	Smith, J. H. Restaurant	Detroit	5	1	6
Jan. 15	Solomon & Kleiman Restaurant	Detroit	1	2	3
Jan. 18	So Different Lunch	Detroit	10	1	11
Jan. 23	Splendid Lunch	Detroit	8	.....	8
Jan. 15	Studebaker Restaurant	Detroit	3	7	10
Jan. 25	Suckling's Cafe	Detroit	3	6	9
Jan. 22	Sullivan's Lunch	Detroit	3	3	6
Jan. 18	Sun Restaurant	Detroit	7	2	9
Jan. 14	Surprising Restaurant & Lunch, The	Detroit	4	2	6
Jan. 18	Thimos Cafeteria	Detroit	2	2	4
Jan. 10	Thompson's Restaurant	Detroit	12	12	24
Jan. 14	Three Star Restaurant	Detroit	8	2	10
Jan. 15	Torrence, M. C. Restaurant	Detroit	2	2	4
Jan. 14	Traveler's Restaurant	Detroit	1	1	2
Jan. 24	Tremont Restaurant	Detroit	5	1	6
Jan. 17	Tuller Lunch	Detroit	4	12	16
Jan. 31	U-Eat-A Lunch Co., Inc	Detroit	65	40	105
Jan. 3	U-Eat Lunch	Detroit	5	5	10

Digitized by Google

Inspection of restaurants.—Continued.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	WAYNE CO.—*Con.*				
Jan. 18	U-Need-A Lunch	Detroit	5	1	6
Jan. 15	Union News Co. Restaurant	Detroit	25	19	44
Jan. 21	Union Station Restaurant	Detroit	8	12	20
Jan. 18	Verdun Restaurant	Detroit	3	2	5
Jan. 17	Victoria Restaurant	Detroit	5	.....	5
Jan. 16	Voorhees Lunch	Detroit	1	5	6
Jan. 16	Waffle's Lunch	Detroit	3	3	6
Jan. 22	Wales Catering Co	Detroit	4	16	20
Jan. 21	Walker Brothers Catering Co	Detroit	17	3	20
Jan. 17	Walker Brothers Catering Co	Detroit	12	3	15
Jan. 21	Walker Brothers Catering Co	Detroit	17	6	23
Jan. 21	Walker Brothers Catering Co	Detroit	19	3	22
Jan. 18	Walker Brothers Catering Co	Detroit	12	2	14
Jan. 18	Walker Brothers Catering Co	Detroit	13	2	15
Jan. 18	Walker Brothers Catering Co	Detroit	15	4	19
Jan. 18	Walker Brothers Catering Co	Detroit	17	4	21
Jan. 18	Walker Brothers Catering Co	Detroit	11	3	14
Jan. 18	Walker Brothers Catering Co	Detroit	19	7	26
Jan. 11	Ward's Restaurant	Detroit	1	2	3
Jan. 11	Warren Cafeteria	Detroit	5	3	8
Jan. 17	Warren Restaurant	Detroit	3	2	5
Jan. 17	Washington Lunch	Detroit	6	14	20
Jan. 18	Wayne Lunch	Detroit	4	2	6
Jan. 14	Wechler Restaurant	Detroit	3	3	6
Jan. 23	Weidenback's Restaurant	Detroit	1	4	5
Jan. 15	Welland's Dairy Lunch	Detroit	4	.....	4
Jan. 11	Weiss & Kemnitz Restaurant	Detroit	10	10	20
Jan. 11	Weiss & Kemnitz Restaurant	Detroit	2	4	6
Jan. 10	Welcome Restaurant	Detroit	5	3	8
Jan. 25	Wellington Restaurant, The	Detroit	5	4	9
Jan. 10	Westbrook's Restaurant	Detroit	11	2	13
Jan. 22	Western High School Restaurant	Detroit	.....	2	2
Jan. 10	Westphalia Restaurant	Detroit	3	.....	3
Jan. 17	West Side Restaurant	Detroit	6	.....	6
Jan. 23	White's Restaurant	Detroit	2	1	3
Jan. 16	White Star Lunch	Detroit	2	8	10
Jan. 11	Williams Restaurant & Lunch Room	Detroit	5	3	8
Jan. 15	W. & J. Restaurant	Detroit	8	.....	8
Jan. 22	Woodward Lunch	Detroit	3	5	8
Jan. 25	Woman's Exchange Restaurant, The	Detroit	3	51	54
Jan. 17	Wright's Restaurant	Detroit	5	5	10
Jan. 15	Y. H. P. A. Restaurant	Detroit	5	2	7
Jan. 30	Y. W. C. A. Restaurant	Detroit	5	53	58
Jan. 22	Andrews Lunch	Hamtramck	4	4	8
Jan. 22	Auto City Restaurant	Hamtramck	4	3	7
Jan. 22	Case Lunch	Hamtramck	6	3	9
Jan. 22	Hamtramck Restaurant	Hamtramck	6	2	8
Jan. 21	Allen Brothers	Highland Park	5	3	8
Jan. 11	American Lunch	Highland Park	8	3	11
Jan. 11	Arcade Dairy Lunch	Highland Park	6	.....	6
Jan. 22	Colonial Serve Self	Highland Park	1	5	6
Jan. 11	Cosy Lunch	Highland Park	2	2	4
Jan. 22	Elroy Restaurant	Highland Park	6	2	8
Jan. 22	Gardener Lunch	Highland Park	7	3	10
Jan. 21	London Self Serve	Highland Park	4	1	5
Jan. 21	Misis Quick Lunch	Highland Park	4	1	5
Jan. 21	Morris-Mitchell Co	Highland Park	6	9	15
Jan. 24	Rosedale Lunch	Highland Park	5	.....	5
Jan. 20	Witwer Lunch	Highland Park	1	12	13

Digitized by Google

Inspection of restaurants.—Concluded.

Date of inspection.	Names of establishments.	Where located.	Number males employed.	Number females employed.	Whole number employed.
	WEXFORD COUNTY.				
Jan. 10	Busby's Restaurant	Cadillac	2	6	8
Feb. 11	Hansen's Restaurant	Cadillac	2	.....	2
Feb. 12	Holmquist, Frank Restraurant	Cadillac	2	.....	2
Jan. 14	Mason, James Restaurant	Cadillac	1	.....	1
Jan. 14	Metheanys' Restaurant	Cadillac	3	9	12

Digitized by Google

ORDERS ISSUED ON RESTAURANTS 1917.

Alanson. May 17, 1917.

CULP, N. W. RESTAURANT.—At once provide and equip rooms with regulation ropes to be used as a means of escape in case of fire. Post printed notices in rooms directing location and use of ropes. Provide chemical fire extinguisher in hall.

Battle Creek. October 11, 1917.

BRIGHT SPOT RESTAURANT.—At once comply with the fifty-four hour labor law regarding employment of females.

Bay City. September 7, 1917.

HARMONY CAFETERIA.—At once discontinue employing females for a period longer than ten hours per day or longer than fifty-four hours per week.

Calumet. October 13, 1917.

ST. PAUL CAFE.—At once arrange hours of female employes to conform with the fifty-four hour law.

October 13, 1917.

STUKELL, JOSEPH.—At once provide separate toilet for female employes at 427 Fifth Street, in building owned by you and occupied by George Lee, known as St. Paul Cafe. Have said toilet well screened and kept in a good condition.

Coopersville. January 15, 1918.

ALLEN, MAY, RESTAURANT.—At once post notices in halls calling attention to fire escape and giving direction to same.

Detroit. January 24, 1917.

THE ABBOTT LUNCH.—At once properly designate women's toilet room.

January 3, 1917.

AVENUE LUNCH.—At once discontinue employing females longer than 10 hours in any one day or longer than 54 hours per week. Provide a proper separate toilet for female employes and designate it as such. Clean and keep in a more sanitary condition the kitchen of your restaurant.

May 2, 1917.

AVENUE LUNCH.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

May 3, 1917.

BEARD'S RESTAURANT.—At once arrange the hours of your female employes to conform to the 54 hour law.

January 8, 1917.

BELMONT RESTAURANT.—At once provide a separate toilet for use of female employes.

January 22, 1918.

B. & L. CAFETERIA.—At once thoroughly clean men's toilet room and whitewash walls of same.

Digitized by Google

August 3, 1917.

BORTON RESTAURANT.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per peek.

January 29, 1917.

BUSY BEE RESTAURANT.—At once provide seat for vault and lock for door. Designate toilet room For Women Only.

January 26, 1917.

CROSSTOWN RESTAURANT.—At once provide a separate toilet for the use of females employed at 922 Grand River Avenue, and arrange their hours to conform with the 54 hour law. Properly designate toilet used by females at 1042 Grand River.

January 17, 1917.

DETROIT ATHLETIC CLUB.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours a week.

EUROPEAN RESTAURANT.—At once regulate the hours of your female employes so as not to work them for a longer period than 54 hours in any one week.

January 10, 1918.

FAIRVIEW RESTAURANT.—At once adjust working hours for girls so as to comply with the 54 hour labor law.

November 15, 1917.

FERNDALE RESTAURANT.—At once arrange hours of your female help so they will not work more than ten hours in any one day or more than 54 hours in any one week. Place in sanitary condition the toilet used by your female help and designate it for the use of women only. Post legal notice furnished by Department of Labor.

March 9, 1917.

FIFTY-FIFTY RESTAURANT.—At once regulate the working hours of all female help to comply with Section 9 of the State Labor Laws governing the hours of female employes.

January 15, 1918.

FORD'S LUNCH NO. 2.—At once provide light for toilet, and whitewash and thoroughly clean same. Provide separate toilet for use of female employes.

January 11, 1918.

GRAND BOULEVARD CAFETERIA.—At once whitewash walls of women's toilet room and mark room For Women Only.

June 26, 1917.

HILLER'S RESTAURANT.—At once arrange hours of female employes to conform to the 54 hour law.

January 11, 1918.

JARVIS CAFETERIA.—At once whitewash women's toilet room and provide seats for vaults.

January 8, 1917.

KIDDELL RESTAURANT.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

Digitized by Google

July 20, 1917.

KNAUER RESTAURANT.—At once discontinue employing females for a period longer than 10 hours in any one day or longer than 54 hours in any one week. Procure and keep on file permit for boy who is in your employ under sixteen years of age.

February 1, 1917.

LANSING LUNCH.—At once regulate the hours of female help to comply with Section 9 of the State Labor Laws. Provide separate toilets for both sexes and do not permit indiscriminate use of same. Post signs designating different toilets.

January 29, 1917.

LENOX RESTAURANT.—At once provide a proper toilet for the use of female employes and arrange their hours to conform to the 54 hour law.

January 11, 1918.

LIM, FOY, RESTAURANT.—At once place kitchen in a sanitary condition.

February 15, 1917.

LONDON RESTAURANT.—At once clean and mark women's toilet room.

February 21, 1917.

MAXWELL RESTAURANT.—At once discontinue employing females for a period longer than 10 hours in any one day or longer than 54 hours per week.

March 23, 1917.

MEIER MCCANN RESTAURANT.—At once provide a toilet for use of females in your employ and designate it as such.

June 13, 1917.

MILLER, AL RESTAURANT.—At once discontinue employing females for a period longer than 10 hours in any one day or longer than 54 hours per week.

March 22, 1917.

NEW RESTAURANT.—At once discontinue employing females for a period longer than ten hours per day or longer than fifty-four hours per week.

January 11, 1917.

NEW YORK LUNCH.—At once arrange hours of female employes to conform to the 54 hours law.

January 14, 1918.

O. K. RESTAURANT.—At once place kitchen in a clean and sanitary condition.

January 31, 1917.

OMONOIA H. RESTAURANT.—At once provide toilet for male help in your employ.

February 1, 1917.

PALACE RESTAURANT.—At once place kitchen in sanitary condition. Clean and paint ceiling and walls of same.

February 1, 1917.

QUEEN QUALITY LUNCH.—At once repair flusher on toilet in rear of kitchen.

January 9, 1918.

RICHELIEU LUNCH.—At once arrange hours of female employes to conform to the 54 hour law.

Digitized by Google

August 6, 1917.

SILVER MOON RESTAURANT.—At once arrange the hours of female employes to conform to the 54 hour law.

January 9, 1917.

ST. LOUIS LUNCH.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

January 3, 1917.

U EAT A LUNCH.—At once provide a proper and separate toilet for female employes and designate it as such. Clean and keep in a better condition the toilet in basement.

March 28, 1917.

U EAT A LUNCH.—at once arrange hours of female employes to conform to the 54 hour law.

January 10, 1918.

VATKIS, T.—At once place kitchen in sanitary condition and keep it so.

February 7, 1917.

THE WAFFLE LUNCH.—At once keep basement toilet in a sanitary condition.

February 1, 1917.

WESBROOK, LEW.—At once comply with the 54 hour law applying to female employes and provide separate toilets for male and female help and designate same.

June 1, 1917.

WESLEY'S RESTAURANT.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

March 8, 1917.

W. M. C. A.—MRS. T. SNOWGOLD, MANG.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

Eaton Rapids. June 12, 1917.

HOME RESTAURANT.—At once post printed notices in halls and sleeping rooms to comply with law. Provide chemical fire extinguishers in halls.

Escanaba. April 20, 1917.

EVERYBODY'S DELICATESSEN.—At once provide separate toilets for use of males and females employed in said building. Clean basement and remove all rubbish therein.

Flint. January 7, 1918.

QUICK B. RESTAURANT.—At once unlock door marked with the word IN so that same may be opened from inside as well as outside; also unlock both screen and outside door to east dining room and keep same unlocked at all times when labor is employed in building or when opened to public. Put large hood over cook stove in kitchen for carrying away smoke and fumes from cooking.

Gaylord. September 20, 1917.

MILLER'S RESTAURANT.—At once place ropes in sleeping rooms and notices calling attention to use of same. Place two fire extinguishers in hall on second floor.

Grand Rapids. March 31, 1917.

BROWN RESTAURANT.—At once discontinue employing females for a period longer than 10 hours per day or longer than 54 hours per week.

Digitized by Google

March 7, 1917.

LANOX CAFE.—At once arrange the hours of female employes to not exceed 54 hours a week or more than 10 hours a day.

Harbor Springs. May 10, 1917.

ISAACS, FRANK RESTAURANT.—At once provide and install ropes in all bed rooms on second floor to be used as a means of escape in case of fire. Provide chemical fire extinguishers in halls. Provide and post printed notices in rooms directing use of ropes. Provide sheets on beds not less than 90 inches in length. Repair stairway leading to rooms.

Highland Park. January 11, 1918.

AMERICAN LUNCH.—At once provide hand rail for basement stairway. Repair flusher on toilet in women's toilet room and properly designate said toilet.

February 9, 1917.

COLONIAL SERVE SELF RESTAURANT.—At once provide separate toilets for both sexes and properly designate the same. Regulate hours of female employes to conform with Section 9 of the State Labor Laws.

January 21, 1917.

GARDENER RESTAURANT.—At once provide a separate and proper toilet for use of female employes, and so designate same.

February 9, 1917.

M. & M. LUNCH CO.—At once provide separate toilets for both sexes employed, and designate same.

Iron Mountain. January 9, 1918.

MARTIN HARTWICK RESTAURANT, JAMES SPENCER, AGENT.—Within sixty days install a toilet in building at 104 Ludington Street, occupied as a restaurant, for separate use of females employed. Same to be heated, lighted and ventilated and kept in a sanitary condition at all times.

Iron River. December 31, 1917.

CAMINS FRANK, OWNER W. J. SCHOOK RESTAURANT.—At once paint ceiling and walls of kitchen. Install toilet for separate use of females employed, same to be heated, lighted and ventilated and kept sanitary at all times.

December 29, 1917.

DAVIDSON'S BAKERY & LUNCH.—At once install toilet upstairs in building occupied for bakery and lunch, same to be heated, lighted and ventilated. Cover stairs and platform connecting buildings, and enclose same from the weather, same to be properly lighted and kept in a safe condition.

Ironwood. December 6, 1917.

TEKKALA, MATT, LUNCH ROOM.—At once regulate the hours of female employes to comply with the 54 hour law.

Monroe. February 5, 1918.

CITY RESTAURANT.—At once clean up kitchen and keep same in a sanitary condition at all times. Arrange hours of female employes to conform with the 54 hour labor law.

Digitized by Google

Pontiac. September 28, 1917.

SOUTH SIDE RESTAURANT.—At once provide ropes in each sleeping room, also at end of hall to use as means of escape in case of fire. Post notices in bed rooms and halls directing use of said ropes. Provide chemical fire extinguishers in hall, and also provide sheets at least 90 inches in length also blankets for all beds.

Portland. August 22, 1917.

MILLER, JOHN W.—At once clean wash bowl and keep in sanitary condition.

Sault Ste. Marie. January 25, 1918.

SAVOY CAFE.—At once have separate toilets installed for females.

Shelby. June 11, 1917.

WADE WRIGHT INN.—At once discontinue business until building is put in good repair and in a safe and sanitary condition. Do not re-open until conditions are such as will comply with State Law governing hotels.

Digitized by Google

SUMMARY OF

Number of inspection.	Name of counties.	Number men managers employed.	Number who receive wages.	Average daily wages.	Number women managers employed.	Number who receive wages.	Average daily wages.	Number men clerks employed.	Number who receive wages.	Average daily wages.	Number women clerks employed.	Number who receive wages.	Average daily wages.	Number men cashiers employed.	Number who receive wages.	Average daily wages.
2	Alger	2			2											
2	Allegan	1			2											
2	Alpena	3														
1	Antrim	1			1											
2	Baraga	2			2											
6	Bay	4			4			2	2	$3 25	1	1	$1 25			
3	Berrien	2			1											
28	Calhoun	19			5			2	2	2 00	4	4	1 25	3	3	$1 18
1	Cass	1			1											
4	Charlevoix	5			2											
5	Cheboygan	4			2			1	1	1 25						
3	Chippewa	3														
3	Clinton	3			2											
4	Crawford	3			2											
6	Delta	5			4											
1	Dickinson				1											
4	Eaton	4			2											
7	Emmet	7			5			3	3	0 72	2	2	0 72			
9	Genesee	13	2	$4 25	2											
3	Gogebic	3			1						2	2	1 00			
2	Grand Traverse	3			2											
5	Gratiot	6			1											
14	Houghton	12			9											
17	Ingham	15	2	2 55	6											
22	Ionia	23			4			1	1	1 66						
2	Iosco	2			2											
2	Iron	3														
3	Jackson	3	1	2 00				1								
14	Kalamazoo	2												1	1	2 00
42	Kent	40	9	2 72	14	2	$2 20	4	4	2 12	7	7	0 99	1	1	1 66
1	Lake	1			1			1								
2	Lapeer	2						1	1	1 00						
1	Leelanau	1														
3	Lenawee	2			3						1	1	1 00			
12	Macomb	10	2	3 50	5			1	1	2 50						
3	Marquette	3			1											
4	Mason	3			2											
3	Mecosta	3			1			6	6	1 27	1	1	1 25			
2	Menominee	1			2			2	2	2 50	2	2	1 30			
1	Missaukee	1														
2	Monroe	2														
1	Montcalm	1														
21	Muskegon	21			6	1	1 85	2	2	1 43						
10	Oakland	11	1	4 15	1			2	2	1 95	2	2	2 20			
2	Oceana	2			1											
1	Ogemaw	1														
1	Osceola	1														
2	Otsego	1			1											
8	Ottawa	5			3											
15	Saginaw	15	2	3 50	6						2	2	1 00			
3	St. Clair	2						1	1	2 00						
3	St. Joseph	2														
1	Schoolcraft	1														
1	Shiawassee															
5	Tuscola	6			2			3	3	2 00						
3	Van Buren	2	2	2 00	2	1	1 33									
16	Washtenaw	15			3	1	1 50	1	1	1 25	3	3	1 25			
342	Wayne	365	84	3 88	54	29	2 81	62	62	2 76	22	22	1 82	28	24	2 14
5	Wexford	5	1	1 00				3	3	2 72				1	1	1 33
693	Totals	679	106	$3 71	173	34	$2 66	99	97	$2 44	49	49	$1 46	34	30	$1 99

Digitized by Google

RESTAURANT INSPECTION.

Number women cashiers employed.	Number who receive wages.	Average daily wages.	Number waiters employed.	Number who receive wages.	Average daily wages.	Number waitresses employed.	Number who receive wages.	Average daily wages.	Number porters employed.	Number who receive wages.	Average daily wages.	Number scrub women employed.	Number who receive wages.	Average daily wages.	Number chamber maids employed.	Number who receive wages.	Average daily wages.
						3	3	$0 68									
						3	3	0 60									
			2	2	$2 50	2	2	1 28									
						3	3	0 90							1	1	$0 50
2	2	$1 50	1	1	2 50	18	18	1 32				4	4	$1 25			
			4	4	2 13	3	3	0 81							1	1	1 14
9	9	1 31	57	57	1 92	34	34	1 19	7	7	$1 83	2	2	1 25			
						1	1	1 50									
						6	6	1 18									
						10	10	1 45	1	1	1 25				1	1	1 50
						7	7	1 00									
			2	2	1 70	1	1	0 83									
			8	8	2 19												
						9	9	0 81				1	1	2 00			
						1	1	0 75							1	1	0 75
						2	2	0 83									
			2	1	2 00	12	12	0 62							1	1	0 85
4	4	1 29	8	8	1 78	19	19	1 55	6	6	1 73						
			3	3	1 00	8	8	0 96				1	1	0 50			
			1	1	1 33	4	4	0 80									
			1			7	5	0 87	1	1	0 86						
			3	2	2 00	16	16	1 42				2	2	1 29			
			33	32	1 56	47	46	0 98	3	3	1 88						
1			16	14	1 72	16	16	1 02	2	2	0 73	2	2	1 00			
			3	3	1 83	1	1	1 00									
			1	1	2 00	8	8	1 16	1	1	1 50						
6	6	1 34	28	28	1 93	11	11	1 11	4	4	1 00	1	1	1 50			
11	11	1 32	35	35	1 80	88	83	0 93	13	13	1 26	6	6	0 95			
			2	2	1 66												
						1	1	1 00									
			3	3	2 00	4	4	0 77									
			9	6	1 08	19	19	1 36	5	5	1 20	5	5	1 27	1	1	1 00
			2	2	1 33	2	1	0 71									
			1	1	1 43	5	5	0 83									
			6	2	2 00												
									1	1	1 00						
						2	2	0 90									
			3	3	1 60	2	2	1 00	1	1	1 00						
			4			1	1	0 60									
2	1	2 00	13	13	1 66	37	37	1 04	1	1	2 00	3	3	1 58	1	1	1 00
2	2	1 13	16	16	1 97	10	10	1 24	2	2	1 86	1	1	1 85	1	1	1 00
						1	1	0 83							1	1	0 75
						1	1	0 82									
			1	1	1 00	1	1	0 60									
			6	5	1 38	12	12	0 80				1	1	1 60			
1			26	25	1 71	21	21	1 24	6	6	1 35	1	1	0 75			
1	1	1 00				9	9	1 00	1	1	1 00						
			3	3	1 50	2	2	0 94									
						1	1	1 00									
1	1	1 32	2	2	1 75	3	3	0 65	1	1	1 00						
			4	4	1 81	2	2	1 00				1	1	1 00			
						6	6	1 16									
1	1	1 40	12	12	1 70	10	10	1 14	1	1	1 85						
132	131	1 70	467	465	2 10	753	752	1 25	141	141	1 79	39	39	1 42	1	1	1 66
1	1	1 00				8	8	1 04	1	1	0 50						
174	170	$1 62	788	767	$1 97	1,253	1,243	$1 18	199	199	$1 69	70	70	$1 33	10	10	$1 02

Digitized by Google

Summary of restaurant

Number of inspection.	Name of counties.	Number men dishwashers employed.	Number who receive wages.	Average daily wages.	Number women dishwashers employed.	Number who receive wages.	Average daily wages.	Number men cooks employed.	Number who receive wages.	Average daily wages.	Number women cooks employed.	Number who receive wages.	Average daily wages.
2	Alger	.....	.....	.....	2	2	$0 58	.....	.....	.....	1	1	$1 25
2	Allegan	.....	.....	.....	2	2	0 60	.....	.....	.....	1	1	1 00
2	Alpena	1	1	$0 60	.....	.....	.....	3	1	$2 25	.....	.....	.....
1	Antrim	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Baraga	.....	.....	.....	1	1	1 00	.....	.....	.....	1	1	1 00
6	Bay	.....	.....	.....	11	11	1 24	1	1	4 00	8	8	1 71
3	Berrien	.....	.....	.....	2	2	1 00	1	.....	.....	1	1	1 70
28	Calhoun	20	20	1 63	33	33	1 53	31	30	2 51	20	20	1 74
1	Cass	.....	.....	.....	1	1	1 50	1	1	1 50	.....	.....	.....
4	Charlevoix	.....	.....	.....	3	3	0 72	2	.....	.....	3	2	0 91
5	Cheboygan	.....	.....	.....	1	1	1 50	1	1	1 00	6	5	1 60
3	Chippewa	.....	.....	.....	4	4	1 00	1	1	3 00	2	2	1 50
3	Clinton	.....	.....	.....	.....	.....	.....	1	1	3 00	2	2	1 16
4	Crawford	1	1	1 50	1	1	1 00	3	3	2 33	3	3	2 66
6	Delta	3	3	1 05	5	5	0 88	6	6	2 51	1	1	1 00
1	Dickinson	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Eaton	.....	.....	.....	3	3	0 93	1	1	2 00	2	1	1 50
7	Emmet	1	1	0 72	2	2	0 57	2	.....	.....	5	4	1 59
9	Genesee	5	5	1 68	12	12	1 27	9	9	2 92	9	9	2 31
3	Gogebic	.....	.....	.....	2	2	1 00	.....	.....	.....	2	2	1 48
2	Grand Traverse	1	1	1 33	3	3	0 79	2	2	2 34	1	1	1 50
5	Gratiot	.....	.....	.....	4	4	0 74	1	.....	.....	3	2	1 20
14	Houghton	2	2	1 70	5	5	0 97	4	2	3 25	1	1	0 50
17	Ingham	13	13	1 54	28	28	0 98	26	25	2 69	8	8	1 70
22	Ionia	1	1	1 00	5	5	0 89	4	3	2 50	8	3	1 55
2	Iosco	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Iron	.....	.....	.....	.....	.....	.....	1	1	1 80	.....	.....	.....
3	Jackson	1	1	2 00	8	8	1 11	1	1	2 00	3	3	1 65
14	Kalamazoo	9	9	1 66	12	12	1 30	11	11	2 64	10	10	1 66
42	Kent	1	1	0 72	68	68	1 03	32	32	2 41	24	22	1 52
1	Lake	.....	.....	.....	1	1	0 50	.....	.....	.....	.....	.....	.....
2	Lapeer	.....	.....	.....	1	1	1 00	.....	.....	.....	1	.....	.....
1	Leelanau	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
3	Lenawee	.....	.....	.....	3	3	0 80	2	2	2 50	1	1	2 00
12	Macomb	7	7	1 29	13	13	1 20	10	8	2 90	6	5	1 87
3	Marquette	1	1	0 83	1	1	0 71	3	3	2 00	.....	.....	.....
4	Mason	1	1	1 43	1	1	0 57	2	2	1 88	1	1	0 86
3	Mecosta	.....	.....	.....	3	3	0 85	3	3	2 08	2	2	1 12
2	Menominee	.....	.....	.....	1	1	1 65	.....	.....	.....	1	1	2 40
1	Missaukee	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
2	Monroe	1	1	1 00	2	2	1 00	3	3	2 67	.....	.....	.....
1	Montcalm	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1 50
21	Muskegon	6	6	1 08	23	23	1 04	11	8	2 25	12	9	1 83
10	Oakland	2	2	2 08	7	7	1 56	15	15	2 85	2	2	1 18
2	Oceana	.....	.....	.....	2	2	0 63	2	2	2 50	1	1	1 00
1	Ogemaw	.....	.....	.....	1	1	0 50	.....	.....	.....	.....	.....	.....
1	Osceola	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Otsego	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	0 50
8	Ottawa	1	1	0 87	5	5	0 74	2	2	2 16	6	4	1 32
15	Saginaw	1	1	1 00	10	10	0 98	2	2	2 50	13	13	1 94
3	St. Clair	.....	.....	.....	3	3	1 00	3	1	2 50	3	3	2 42
3	St. Joseph	.....	.....	.....	1	1	1 00	1	1	1 37	3	3	1 25
1	Schoolcraft	.....	.....	.....	1	1	1 00	1	.....	.....	.....	.....	.....
1	Shiawassee	.....	.....	.....	2	2	0 60	2	2	2 15	.....	.....	.....
5	Tuscola	.....	.....	.....	2	2	1 00	2	2	2 25	1	1	1 20
3	Van Buren	.....	.....	.....	3	3	1 17	2	2	2 50	1	1	1 50
16	Washtenaw	3	3	2 20	8	8	1 08	12	12	2 31	4	4	1 65
342	Wayne	359	357	1 53	352	352	1 30	527	523	2 81	141	123	2 11
5	Wexford	.....	.....	.....	2	2	0 85	2	2	1 75	3	3	1 72
693	Totals	441	439	$1 53	668	666	$1 20	752	727	$2 72	330	292	$1 85

Digitized by Google

inspection.—Concluded.

Number men kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number women kitchen assistants employed.	Number who receive wages.	Average daily wages.	Number other men employed.	Number who receive wages.	Average daily wages.	Number other women employed.	Number who receive wages.	Average daily wages.	Whole number employed.	Number who receive wages.	Aggregate daily wages.	Average daily wages.
.....	.....	.....	1	1	$0 65	1	1	$1 00	.....	.....	.....	12	8	$6 10	$0 76
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	$0 60	10	7	4 60	0 66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	6	10 41	1 40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
.....	.....	.....	1	1	0 70	.....	.....	.....	.....	.....	.....	11	7	5 90	0 84
.....	.....	.....	3	3	0 55	.....	.....	.....	1	1	1 65	60	52	76 76	1 48
.....	.....	.....	1	1	1 13	.....	.....	.....	.....	.....	.....	16	12	16 89	1 41
4	4	$1 08	6	6	1 14	2	2	1 75	7	7	1 64	265	240	409 30	1 71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	3	4 50	1 50
.....	.....	.....	1	1	1 16	.....	.....	.....	.....	.....	.....	22	12	12 25	1 02
.....	.....	.....	2	2	1 63	.....	.....	.....	.....	.....	.....	29	22	33 50	1 52
1	1	2 00	.....	.....	.....	2	2	1 75	.....	.....	.....	20	17	22 50	1 32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	6	9 55	1 59
1	1	1 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	22	17	36 50	2 15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	25	32 86	1 31
.....	.....	.....	1	1	0 75	.....	.....	.....	.....	.....	.....	4	3	2 25	0 75
.....	.....	.....	.....	.....	.....	1	1	0 33	.....	.....	.....	15	8	8 28	1 03
.....	.....	.....	1	1	1 00	3	3	1 25	1	1	0 72	47	31	27 57	0 89
.....	.....	.....	.....	.....	.....	2	2	2 00	2	2	1 00	91	78	144 38	1 86
.....	.....	.....	4	4	1 00	.....	.....	.....	.....	.....	.....	26	22	22 15	1 01
.....	.....	.....	.....	.....	.....	1	1	0 50	.....	.....	.....	18	13	14 91	1 14
.....	.....	.....	2	1	0 75	.....	.....	.....	1	1	1 00	27	14	12 34	0 88
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54	30	44 46	1 48
.....	.....	.....	2	2	1 00	.....	.....	.....	3	3	1 13	184	162	239 44	1 48
.....	.....	.....	1	1	0 66	1	1	0 72	.....	.....	.....	85	49	65 57	1 34
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
.....	.....	.....	1	1	1 50	.....	.....	.....	.....	.....	.....	9	6	9 80	1 63
.....	.....	.....	3	3	1 20	.....	.....	.....	.....	.....	.....	30	27	36 25	1 34
3	3	1 78	4	4	1 06	.....	.....	.....	.....	.....	.....	102	100	171 69	1 72
4	4	1 40	6	6	1 02	11	6	1 31	6	6	1 27	371	316	431 13	1 36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	1	0 50	0 50
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1 00	8	5	6 32	1 26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	1 00	1 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	14	19 50	1 39
1	1	1 75	2	2	0 82	.....	.....	.....	.....	.....	.....	94	75	115 70	1 54
1	1	1 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	9	12 41	1 38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	11	12 21	1 11
.....	.....	.....	.....	.....	.....	1	1	2 00	.....	.....	.....	26	18	25 88	1 44
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1 50	11	8	14 15	1 77
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	2	1 80	0 90
1	1	2 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	13	20 80	1 60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	2	2 10	1 05
.....	.....	.....	2	2	1 00	2	2	1 33	.....	.....	.....	142	109	144 15	1 32
.....	.....	.....	2	1	1 25	.....	.....	.....	2	2	0 93	78	66	128 49	1 95
2	2	1 41	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	9	11 65	1 29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	1 32	0 66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	3	2 10	0 70
.....	.....	.....	1	1	0 71	.....	.....	.....	.....	.....	.....	42	31	33 01	1 06
2	2	1 25	1	1	1 15	.....	.....	.....	1	1	1 50	108	87	132 81	1 53
2	2	1 43	.....	.....	.....	1	1	3 00	.....	.....	.....	26	22	31 60	1 44
.....	.....	.....	1	1	1 00	.....	.....	.....	.....	.....	.....	13	11	13 49	1 23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	2	2 00	1 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	0 60	13	13	14 47	1 11
.....	.....	.....	.....	.....	.....	1	1	2 00	.....	.....	.....	24	16	25 95	1 62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	15	22 31	1 49
1	1	1 25	3	3	1 26	3	.....	.....	.....	.....	.....	80	60	96 16	1 60
122	120	2 18	109	109	1 42	188	187	1 77	105	104	1 35	3,967	3,625	6,742 50	1 86
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26	22	34 70	1 58
145	143	$2 06	161	159	$1 30	220	211	$1 73	134	133	$1 33	6,379	5,545	$9,580 92	$1 73

Digitized by Google

SUMMARY OF RESTAURANT INSPECTION.

Number of inspections made	693
Number men employed as managers	679
Number who receive wages	106
Average daily wages	$3.71
Number women employed as managers	173
Number who receive wages	34
Average daily wages	$2.66
Number men employed as clerks	99
Number who receive wages	97
Average daily wages	$2.44
Number women employed as clerks	49
Number who receive wages	49
Average daily wages	$1.46
Number men employed as cashiers	34
Number who receive wages	30
Average daily wages	$1.99
Number women employed as cashiers	174
Number who receive wages	170
Average daily wages	$1.62
Number waiters employed	788
Number who receive wages	767
Average daily wages	$1.97
Number waitresses employed	1,253
Number who receive wages	1,243
Average daily wages	$1.18
Number porters employed	199
Number who receive wages	199
Average daily wages	$1.69
Number scrub women employed	70
Number who receive wages	70
Average daily wages	$1.33
Number men dishwashers employed	444
Number who receive wages	439
Average daily wages	$1.53
Number women dishwashers employed	668
Number who receive wages	666
Average daily wages	$1.20
Number men cooks employed	752
Number who receive wages	727
Average daily wages	$2.72

Digitized by Google

Number chambermaids employed	10
Number who receive wages	10
Average daily wages	$1.02
Number women cooks employed	330
Number who receive wages	292
Average daily wages	$1.85
Number men kitchen assistants	145
Number who receive wages	143
Average daily wages	$2.06
Number women kitchen assistants	161
Number who receive wages	159
Average daily wages	$1.30
Number other men employed	220
Number who receive wages	211
Average daily wages	$1.73
Number other women employed	134
Number who receive wages	133
Average daily wages	$1.33
Whole number employed	6,379
Number who receive wages	5,545
Aggregate daily wages	$9,580.92
Average daily wages	$1.73

Digitized by Google

SUMMARY OF ACCIDENTS REPORTED.

Number accidents reported.	Name of county.	Nature of business.																														
		Auto accessories.	Automobiles.	Canned goods.	Cement, stone and lime.	Cereals.	Chemicals.	Contracting.	Engines.	Forgings.	Foundry.	Furniture.	Gears.	Grain, flour and feed.	Gypsum products.	Leather goods.	Light, water, gas and heat.	Machinery.	Malt goods.	Milk products.	Mines.	Paints, varnish, etc.	Paper.	Quarries.	Railroads.	Salt.	Steel products.	Stoves and furnaces.	Textile plants.	Tools.	Wheels and axles.	Woodworking.	All other industries.
20	Alger															1	3					6											10
78	Allegan											2						23					50									2	1
167	Alpena				114																			53									
20	Antrim																																20
30	Barry	2										7						18															3
118	Bay	2					11			1		2							1			11										11	79
12	Bensie																																12
171	Berrien	2									1	4				1		19				1	30		1		83		5			7	17
5	Branch				4																												1
321	Calhoun							1			20			68			14	142					25				16	31					4
115	Cass																	25										90					
287	Charlevoix						36					3			7	69	46							1								1	124
16	Chippewa						14																										2
6	Clinton																		3											2	1		
1	Crawford																															1	
22	Eaton				10							5								2													5
56	Emmet		1												4	8	2			1			10									5	25
1,202	Genesee	2	798							120	179						2					8					17						76
13	Grand Traverse											1				1																3	8
13	Hillsdale									9	1			2			1																
2	Houghton																																2
27	Huron													27																			
230	Ingham	58	145						1		1	1					6	11															7
36	Ionia	10										13																					13
75	Jackson	26						1		3		2	2				1	34															6

Digitized by Google

18	Kalamazoo											2						3					5				7						1
226	Kent			1							62	29			24	20											6					36	48
28	Lenawee																	1									6					10	11
3	Luce																															2	1
1	Mackinac																																1
150	Manistee																								13	137							
263	Marquette						2														261												
45	Mason																	14				2				29							
1	Mecosta														1																		
2	Monroe																															2	
30	Muskegon															2		1														3	24
387	Oakland	46	341																														
89	Ontonagon																				89												
1	Osceola																													1			
1	Otsego																																1
84	Ottawa										6	21			1	13												17				1	25
57	Presque Isle																1																56
6	Roscommon																																6
2	Saginaw																																2
395	St. Clair																	98					7			60	230						
72	St. Joseph																										72						
89	Schoolcraft				34	2																											53
3	Van Buren																																3
1,329	Wayne	283	708								2												2				30	282					22
12	Wexford																	2													2	8	
6,337	Totals	431	1,993	1	162	2	63	2	1	133	272	92	2	97	37	115	76	391	4	3	350	28	129	54	14	226	467	420	5	3	3	92	669

Digitized by Google

Summary of accidents reported.—Continued.

Number accidents reported.	Name of county.	Cause of accident.																															
		Abrasive wheels.	Acids.	Animals (bite or kick).	Asphyxiation.	Belts and pulleys.	Cars.	Chains and sprockets.	Cranes and hoists.	Dies.	Drilling and boring machines.	Drowning.	Electricity.	Elevators.	Emery and buffing wheels.	Excavating: cave-in.	Explosions.	Falling.	Fire and flame.	"Fooling."	Gears.	Glass.	Guards out of place.	Hammering.	Infection.	Knives.	Lathes and milling machines.	Machine tools.	Machinery (all other).	Molten metal.	Object falling on person.	Oiling machinery.	Presses (punch, etc.).
20	Alger														1			6			2					1					3		
78	Allegan		1												4			6			1			4		6			6	1	12		1
167	Alpena				1	4	2						1				1	22			3			1				1	1	1	45		2
20	Antrim						2											1						1							2		
30	Barry										1							3							1	1	3	1	2		6		2
118	Bay			1			1				1			2	4			12	5						4	3		5	19		16		1
12	Benzie																	1											1		1		
171	Berrien					1	1				1			1	10		1	9	2		1			2	3	6	1	2	29	1	24		9
5	Branch					1												1						1									
321	Calhoun					1		2	1		1			1			3	14	8	1				3	14		8	1	14	19	42	1	12
115	Cass														2			2	8			1		4	3					13	10		1
287	Charlevoix		4												1			11						3	12				1	1	68		
16	Chippewa												1				1	2	1								1				3		
6	Clinton														1		1								1								
1	Crawford																																
22	Eaton															1							1					4			3		
56	Emmet																1	3							4				1		16		
1,202	Genesee		10								9	1		1	66		4	52	2					14	40	3	8	6	53	34	149	2	14
13	Grand Traverse							1										3											2		1		
13	Hillsdale					1									1			1											1		1		1
2	Houghton													2																			
27	Huron	1																2			1					1					5	1	2
230	Ingham										1		1	1	10		1	6	1		2			1	28		11	1	40		10		19
36	Ionia					2	1							1							2			1	2	1			3		3		1
75	Jackson						1		1		1	1		3	8			2			1			2	2				13		8		8

Digitized by Google

18	Kalamazoo										1			1				2							3			1			2	2	
226	Kent		1		1		3							1	8		2	14	3						17	5		4	27	13	32		7
28	Lenawee					3								1				2			3								3	2	7		1
3	Luce						1																										
1	Mackinac																												1				
150	Manistee			1		4							1		2			15									1		4		28		
263	Marquette						6				1		1	1			2	19		1					6			2			103		
45	Mason									1				1				5							2			2			7		
1	Mecosta																												1				
2	Monroe													1																			1
30	Muskegon														3			1								1		1	3		2		3
387	Oakland		1			1	1				3			1	13			9			1		1	5	8	8		14	13		42		1
89	Ontonagon						3				1							3									1	2			39		
1	Osceola																	1															
1	Otsego					1																											
84	Ottawa									2					2		1	2	1		1			1	6	1		2	7	6	13		3
57	Presque Isle					2	3						1					4	1						5	3		1			5		
6	Roscommon																																
2	Saginaw																	1															
395	St. Clair					2	1				5		1		7			7	1					9	1	1	2	6	5	9	48		3
72	St. Joseph					2					2							2						4	5				1	5	15		1
89	Schoolcraft			1		1	2								3			6						1	3					2	18		
3	Van Buren													1												1							
1,329	Wayne	3	8		1	6			2	2	4		2	5	106		10	59	9		5		4	12	43	7	13	6	60	46	233	9	50
12	Wexford																								1	3			4		2		
6,337	Totals ...	4	25	3	3	32	28	3	4	5	32	2	9	25	252	1	28	311	42	2	23	1	6	69	214	52	49	62	315	153	1,024	15	143

Digitized by Google

Summary of accidents reported.—Concluded.

Number accidents reported.	Name of county.	Cause of accident.—Concluded.									Result of accident.				Number days injured persons were disabled.												
		Riveting.	Rolls and cylinders.	Saws.	Screw machines.	Slipped.	Strained by lifting.	Struck by vehicle.	Tracks or runways.	All other causes.	Fatal.	Serious.	Severe.	Slight.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
20	Alger									7		4	5	11	286		7	7	2								1
78	Allegan			2		6	1			27		7	35	36	562	5	2	9	5	10	3	4	15	13	3	3	1
167	Alpena					13	7		1	61	2	20	74	71	2,079	27	25	13	6	9	11	12	13	12	12	13	12
20	Antrim			1		3				10		1	8	11	880				1	3	2	4	1	2	2		2
30	Barry					2	2			6		1	9	20	413		3	2		5	4	7	1				
118	Bay			16	1	2	1			24	2	17	31	68	2,188	15	15	9	8	7	11	8	3	2	6	6	16
12	Bensie			3						6			3	9	105	3	1			6							2
171	Berrien			6		4	7			50	3	33	91	44	2,848	2	8	17	20	13	8	38	17	21	30	1	10
5	Branch					1				1			4	1	95		1					2				1	1
321	Calhoun			5	1	9	12			148		22	113	186	1,866	28	26	32	22	22	28	35	32	32	22	26	17
115	Cass			2			5			64		5	46	70	1,439	17	9	6	1		2	8	22	15	11	11	10
287	Charlevoix			8		23	14	3		138	2	17	131	137	3,821	36	25	23	19	17	20	27	29	22	19	25	23
16	Chippewa			1			1			5	1	6	5	4	620	1	2	2	4	2	1			3		1	1
6	Clinton					2				1		2	2	2	190		1				1	3			1		
1	Crawford		1											1			1										
22	Eaton			1		1	1			10		4	7	11	625	3	4	2	3	3	5		1				
56	Emmet			3		5	1			22	1	5	33	17	1,813	11	5	8	1	1	8	3	3	3	5	3	9
1,202	Genesee			14		22	64	5	1	628	3	31	951	217	15,900	171	127	183	169	180	119	163	3			1	11
13	Grand Traverse			3						3	1	3	5	4	321	2	2	3	2	1			1			1	
13	Hillsdale	1				1				5		1	6	6	341	1		1	1			2			1	2	3
2	Houghton										2					2	2	3	2	1			1			1	2
27	Huron					1	2			11		1	7	19	91	8	3	3	3	3	2	3					
230	Ingham	2				1	11	1		82	1	8	55	166	1,376	20	31	46	40	28	16	14	8	5	4	5	1
36	Ionia			9	1					9	1	7	13	15	1,372	5	9	4	4	2	3	3	2	1			2
75	Jackson					2				22	3	11	29	32	1,190	5	11	12	7	8	11	4	5	5	4		2

Digitized by Google

18	Kalamazoo	....	....	....	....	1	....	....	....	5	....	1	11	6	210	2	4	....	....	1	1	3	2	....	....	3	1
226	Kent	....	....	13	....	6	3	....	....	66	1	32	106	87	3,558	21	20	21	17	35	17	21	20	5	6	19	16
28	Lenawee	....	....	1	....	....	2	....	....	3	....	3	24	1	772	....	1	2	2	1	2	4	2	4	3	5	....
3	Luce	....	....	2	....	....	....	....	....	....	1	1	1	....	148	2	....	....	....	....	1	....	....	....	....	....	....
1	Mackinac	....	....	....	....	....	....	....	....	....	....	....	....	1	7	....	1	....	....	....	....	....	....	....	....	....	....
150	Manistee	....	....	11	....	17	2	....	....	64	....	1	44	105	1,762	16	11	7	14	9	13	9	12	15	17	13	13
263	Marquette	....	....	....	....	7	10	....	....	104	8	56	114	85	10,429	25	24	19	23	32	18	14	22	18	18	17	31
45	Mason	....	....	....	....	2	5	....	....	20	....	5	11	29	844	2	3	2	4	1	2	7	11	2	3	4	1
1	Mecosta	....	....	....	....	....	....	....	....	....	....	....	....	1	7	....	....	....	....	....	1	....	....	....	....	....	....
2	Monroe	....	....	....	....	....	....	....	....	....	1	1	....	....	60	1	....	....	....	....	....	....	....	....	1	....	....
30	Muskegon	....	....	6	....	1	....	....	....	9	2	11	17	....	287	13	....	6	3	2	1	2	1	....	....	....	....
387	Oakland	....	....	3	....	25	17	....	2	218	....	15	118	254	799	27	22	32	29	28	30	29	34	29	40	45	38
89	Ontonagon	....	....	....	....	4	1	....	....	35	2	4	34	49	754	4	12	12	6	8	6	4	....	1	7	7	23
1	Osceola	....	....	....	....	....	....	....	....	....	....	....	1	....	35	....	1	....	....	....	....	....	....	....	....	....	....
1	Otsego	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
84	Ottawa	....	....	7	....	....	3	....	....	26	....	9	33	42	951	2	1	3	3	3	5	7	20	6	5	16	12
57	Presque Isle	....	....	6	....	6	1	....	....	19	2	21	32	2	1,438	12	7	2	....	6	3	4	7	1	4	5	6
6	Roscommon	....	....	3	....	....	....	....	....	3	....	1	2	3	286	....	....	....	....	1	....	2	....	1	....	1	1
2	Saginaw	....	....	....	....	....	....	....	....	1	....	....	....	2	2	....	....	....	....	1	....	....	....	....	1	....	....
395	St. Clair	....	....	4	....	9	5	....	....	269	....	14	59	322	840	13	19	49	21	39	25	40	63	32	18	16	16
72	St. Joseph	....	....	2	....	1	3	....	....	29	....	2	28	42	626	9	3	13	7	6	3	4	6	4	4	6	8
89	Schoolcraft	....	....	4	....	5	1	1	....	41	....	4	20	65	649	7	5	4	1	3	6	13	9	6	11	20	12
3	Van Buren	....	....	1	....	....	....	....	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1,329	Wayne	....	6	21	5	27	23	30	4	508	18	63	646	602	17,337	177	99	114	133	132	103	123	110	108	89	49	90
12	Wexford	....	....	1	....	....	....	....	....	1	....	3	7	2	441	....	....	....	....	3	3	....	1	2	1	....	1
6,337	Totals	3	7	159	8	209	205	40	8	2,761	59	455	2,965	2,858	82,663	695	553	671	583	632	495	626	477	370	348	326	395

Digitized by Google

Digitized by Google

COAL MINE INSPECTION

Digitized by Google

Digitized by Google

COAL MINE INSPECTION.

OFFICE OF STATE COAL MINE INSPECTOR,
Flint, Mich., Dec. 1, 1917.

Honorable Richard H. Fletcher, Commissioner of Labor, Lansing, Mich.:

DEAR SIR:—I submit herewith my annual report for the year ending November 30, 1917.

For the greater part of the year just closed there were in operation in the State of Michigan twenty-three coal mines situated in the counties of Bay, Calhoun, Eaton, Genesee, Saginaw, Shiawassee and Tuscola.

The abnormal conditions under which the coal mines operated in some states during 1917 were reflected in the unprecedented tonnage produced in Michigan.

For the fiscal year ending December 30th, 1917, a total of 1,393,280 tons of coal was produced in Michigan. The number of tons of coal produced in Michigan in 1916 was 1,076,215, showing an increase of 317,065 tons of coal mined in Michigan over the previous year. Probably no year in the history of the coal mine industry in the State of Michigan showed greater progress than in 1917. This progress was undoubtedly stimulated by the war.

The conservation of human life in the coal mines of the State is of paramount importance and is being considered by the legislative labor organizations and the individual employes. Every fatal accident leaves its impression on the community in the loss of a useful citizen and the provider for a family, with the result that many widows and orphans are rendered public charges for which taxpayers must contribute support. The sufferings and privations borne by many of the dependents can not be measured by words nor compensated by money equivalent.

Here is an industry employing 2,000 men, of whom two out of every 1,000 are killed each year, at least 100 per 1,000 are injured to the extent that time is lost and in most cases medical attendance required. From the point of view of the humanitarian no greater good for the industry can be accomplished than a reduction of the number of accidents which happen yearly. Experience is showing that accidents may be reduced in number, although they cannot be eliminated entirely.

During the year of 1917 a total of 352 accidents was reported of which five proved to be fatal, 47 serious, 107 severe and 194 slight. It is regrettable that the number of accidents accounted for in this period is greater than the previous year.

I am submitting herewith the conditions found in each mine and the report of coal mine inspection in accordance with Act No. 177 of the Public Acts of 1913.

Digitized by Google

BAY COUNTY.

ROBERT GAGE COAL CO., No. 6.—Charles Coryell, Manager; Mine Foreman, H. Lewis; Chairman Mine Committee, B. Shickels. All weights, measures and scales were found correct. One weighman employed by the company and one employed by the men. Both of these weighmen had taken the oath of office. I found that the date of the last survey as indicated by mine map was made in July, 1917. The abandoned workings are properly safeguarded. The amount of air entering intake per minute was found to be 25,000 cubic feet. This air is properly distributed through the mine. This mine does not generate gas. Every precaution is taken to safeguard employes. The ventilating doors are properly constructed and hung. The breakthroughs are of proper width and the right distance apart. Permission not given to use curtains. Lubricating oil is guarded from fire. All roads and drains are kept free from accumulated waste. Electric wiring is properly strung and safe guarded. The exhaust from engine is carried off properly. There are six fire extinguishers in the mine and are of easy access in case of fire. The boiler and engine room are properly constructed. A washroom is provided and properly outfitted. There is sufficient means of egress with stairs for escape shafts. A speaking tube is installed and the cage is properly constructed and covered, the safety clutches are approved and safety gates provided. A daily record is kept of the conditions of machinery used for hoisting purposes. The law governing the hoisting and lowering of men is strictly followed. Exit sign cards are properly posted. All escape ways are free from foul air, ice and obstructions. Proper lights are used at top and opening of shaft. The stables are properly located and constructed. Places of refuge are provided and kept free of obstructions. A code of signals is posted in plain view of engineer and in other places as designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety. General condition of this mine is fair.

ROBERT GAGE COAL CO., No. 7.—Charles Coryell, Manager; Mine Foreman, John Campbell. I inspected this mine September 11th and found it in first class condition. Amount of cubic feet of air entering intake per minute is 22,500, which is equally distributed throughout the mine. This mine does not generate gas. Every possible precaution is taken to safeguard the health and safety of the employes, ventilating doors being properly constructed and hung, the breakthroughs are of proper width and right distance apart. Permission was not given to use curtains. All roads and drains are kept free from accumulated waste, the electric wiring is properly strung and safeguarded. The exhaust from engine is properly carried off. In this mine six extinguishers are kept in easy access in case of fire. The boiler and engine room are constructed properly; all the requirements are strictly followed.

BEAVER COAL CO.—Charles Coryell, Manager; Mine Foreman, Frank Heath. This mine was inspected on September 14, and found 28,000 cubic feet of air entering intake per minute, the air was found not properly distributed in all places. General conditions were found fair, gas not generated in this mine. Proper precautions are taken to safeguard employes, ventilating doors are properly constructed and hung, break-

Digitized by Google

throughs are of proper width and right distance apart. Oil used is up to the standard, lubricating oil is guarded from fire. All roads and drains are kept free from accumulated waste, electric wiring is properly strung and safeguarded. Exhaust from engine is properly carried off, six fire extinguishers within easy access are installed. Boiler and engine rooms are properly constructed, wash room properly outfitted is provided. There are sufficient means of egress for all men employed with stairs furnished for escape shaft. A speaking tube is provided, cage properly covered and constructed, the safety clutch is approved and safety gates installed. A daily record is kept of conditions of machinery used for hoisting purposes. The law governing the hoisting and lowering of men is obeyed. Exit sign boards are properly posted. Escape ways are free from foul air, ice and obstructions. Proper lights are used at top and opening of shaft. Places of refuge are provided and kept free of obstructions. A code of signals is posted in plain view of engineer and also in other places as designated by law.

Wolverine Mine No. 2.—R. M. Randall, Manager, Mine Foreman, Alex McElwain. This mine was inspected September 7th, fair conditions were found to exist. One weighman is employed by the company and one by the employes, both having taken the oath of office. The last survey of this mine as shown by mine map was August, 1917. The abandoned workings are properly guarded. The amount of air entering intake is 36,500 cubic feet per minute, which is equally distributed through the mine. This mine does not generate gas. All necessary precautions are taken to safeguard the life and health of the employes. The ventilating doors are properly constructed and hung. The breakthroughs are all of proper width and right distance apart. Permission was not granted for the use of curtains. All roads and drains are kept free from accumulated waste. The electric wiring is properly strung and safeguarded. The exhaust from the engine is properly carried off. Number of fire extinguishers, six, and so placed as to make them easy of access in case of fire. The boiler and engine room are properly constructed. Washroom is provided for the men with a proper equipment thereto. There is sufficient means of egress for the men employed with stairs to escape shaft, a speaking tube is installed and cage is properly constructed and covered, safety clutches and safety gates are provided. A daily record is kept of the condition of machinery used for hoisting purposes. The law providing for the hoisting and lowering of men into and out of the mine is obeyed. Exit sign boards are properly posted. All escape ways are free from foul air, ice and obstructions. At top and opening of shaft proper lights are installed, places of refuge are provided and kept free from obstructions. The signal code is posted in plain view of engineer and in other places as designated by law. Stretchers, blankets and banadges are provided. Timber is provided and props used are sufficient for safety.

Sun Coal Mine Co.—O. S. Gallagher, Manager. This mine was inspected October 9th. The Company employed a weighman who qualified by taking oath of office. The abandoned workings are properly guarded; 15,000 cubic feet of air enters intake per minute which is properly distributed through the mine. Proper precautions are taken to protect the

Digitized by Google

employes, i. e., ventilating doors are properly constructed and hung, breakthroughs are of proper width and right distance apart. Permission to use curtains not granted, roads and drains are kept free from accumulated waste, electric wiring properly strung and safeguarded. Exhaust from engines properly carried off, sufficient means of egress escape shaft having stairs, speaking tube is provided, cage properly covered and constructed, safety clutches approved, safety gates provided. A daily record is kept of the conditions of machinery used for hoisting purposes and the provision of the law governing the hoisting and lowering the men out of the mine is obeyed. Exit signboards are properly posted. Escape ways are free from foul air, ice and obstructions, proper lights are used at top and opening of shaft, places of refuge are provided and kept free of obstructions. The signal code is posted in plain view of engineer and in other places designated by law. Stretchers, blankets and bandages are provided. Timber is provided and sufficient props are used for safety. The general condition of this mine is fair.

SAGINAW COUNTY.

ROBERT GAGE COAL CO., No. 2.—Charles Coryell, Manager, Mine Foreman, S. W. Rockwell. This mine is located in Saginaw County. I made this inspection on August 7th and found conditions as follows. The number of weighmen employed by the company was two, one employed by the company and one by the employes; these weighmen qualified by taking the oath of office. The last survey made of this mine as indicated by the mine map was July, 1917. There was 39,000 cubic feet of air entering the intake per minute, which was not properly distributed. I issued an order which will remedy the trouble. This mine does not generate gas, all necessary precautions are being taken to safeguard the employes. The ventilating doors are properly constructed and hung, the breakthroughs are of proper width and right distance apart. Permission to use curtains was not given. Lubricating oil is guarded from fire. All roads and drains are kept free from accumulated waste, electric wiring is properly strung and safe guarded. There are six fire extinguishers in this mine and they are kept in easy access. The boiler and engine room are properly constructed. The operator provides a wash room for the men, which is properly equipped. There is sufficient means of egress for all men employed, the escape shaft having a stairway; a speaking tube is installed and the cage is properly constructed and covered, safety clutches have been approved and safety gates provided. A daily record is kept of condition of the machinery used for hoisting purposes, while the provision of the law as to hoisting and lowering men is strictly obeyed. Exit signboards are properly posted. The escape ways are free from foul air, ice and other obstructions. Good and sufficient light is installed at the top and opening of the shaft. Places of refuge are provided and kept free from obstruction. A code of signals is posted in plain view of the engineer and in all other places which is designated by law. Stretchers, blankets and bandages are provided. Timber is provided and the props used are sufficient for safety. The general conditions are fair.

BANNER COAL COMPANY.—Manager, William B. Carmichael. I inspect-

Digitized by Google

ed this mine on October 4th. The company and employes retain the services of one weighman each, both are qualified, having taken the oath of office. Last date of survey as indicated by map of mine was April, 1917. All abandoned workings are properly safeguarded. On this date there was 20,800 cubic feet of air per minute going in at the inlet, this is properly distributed through the mine. Proper precautions are taken to safeguard the employes. Ventilating doors being properly constructed and hung, and breakthroughs are of proper width and right distance apart. Lubricating oil is guarded from fire, all roads and drains are kept free from accumulated waste, electric wiring is properly strung. Six fire extinguishers are kept in this mine and placed in such position that they are of easy access in case of fire. The boiler and engine rooms are constructed according to law. The owners furnish and have equipped a wash room for the employes. There is sufficient means of egress for all employed. Escape shaft is equipped with stairway. A speaking tube is provided, cages properly covered and constructed, safety clutches approved and safety gates installed. A daily record is kept of conditions of machinery used for hoisting purposes. In hoisting and lowering men the provisions of the law are obeyed. Exit signboards are properly posted. All escape ways are free from foul air, ice and other obstructions. Proper lights ase used at top and opening of shaft. A place of refuge is provided and kept free from obstructions. Signal code is posted in plain view of engineer and in other places designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety. The general condition of this mine is fair.

Bliss Coal Mining Co.—C. E. Linton, Manager. Number weighmen employed by company one, by employes one. Weighmen have qualified by taking oath of office. Last survey made as indicated by map of mine September, 1907. All abandoned workings are safeguarded. Cubic feet of air entering intake per minute 42,000, which is properly distributed throughout the mine. This mine does not generate gas. All precautions are taken to safeguard employes. The ventilating doors are properly constructed and hung. The breakthroughs are of proper width and right distance apart. Permission not given for use of curtains. Lubricating oil is guarded from fire. Roads and drains are kept free from accumulated waste. Electric wiring is properly strung and safeguarded. Gasoline engines not used, exhaust from engines is properly carried off. The number of fire extinguishers are six and are in easy access in case of fire. The boiler and engine room is properly constructed. The operator furnishes wash room for men, which is properly equipped. There is sufficient means of egress for all men employed, escape shaft has stairway. A speaking tube is installed, cage is properly covered and constructed, safety clutches approved and safety gates provided. A daily record is kept of the condition of machinery used for hoisting purposes. In hoisting and lowering men the provisions of the law are obeyed. Exit signboards are properly posted. Escape ways are free from foul air, ice and other obstructions. Proper lights are used at top and opening of shaft. Places of refuge are provided and are kept free from obstructions. Signal code is posted in plain view of engineer, and in other places designated by law. Stretchers, blankets and band-

Digitized by Google

ages are provided. Timber is provided and props are sufficient for safety. General condition of mine is fair.

CALEDONIA COAL CO.—Charles Coryell, Manager. All weights, measures and scales are correct. The company employs one weighman who has qualified by taking the oath of office. The last survey was made in April, 1917, all abandoned workings are properly guarded. Cubic feet of air entering intake per minute 18,000, which is properly distributed through the mine. This mine does not generate gas. All necessary precautions are taken to make the mine safe for the men working therein. The ventilating doors are properly constructed and hung. Breakthroughs are of proper width and right distance apart. Lubricating oil is guarded from fire. All roads and drains kept free from accumulated waste. The electric wiring properly strung and safeguarded. Exhaust from engine is properly carried off. The number of fire extinguishers installed are in easy access in case of fire. The boiler and engine room are properly constructed. Operator has been provided a wash room and properly equipped same for the men. There is sufficient means of egress for the men employed, escape shafts have stairway. A speaking tube is installed and cages are properly covered and constructed, safety clutches are approved and safety gates are provided. A daily record is kept of the condition of machinery used for hoisting purposes. In hoisting and lowering of men the provisions of the law are obeyed. Exit signboards are properly posted. All escape ways are free of foul air, ice and other obstructions. Proper lights are used at top and opening of shaft. Places of refuge, kept free from all obstructions are provided. A signal code is posted in plain view of engines and in other places as designated by law. Stretchers, blankets and bandages are provided. Timber is supplied and props used are sufficient for safety. The general condition of this mine was fair. Inspection made on October 3d, 1917.

CHAPPEL & FORDNEY MINE NO. 2.—R. M. Randall, Manager. Inspection of this mine was made October 5, 1917; there are two weighmen employed, one by the company and one by the employes, they qualified by taking the oath of office. The last survey made of the mine was in July, 1917; number cubic feet of air entering intake per minute is 19,000 cubic feet, which was found to be equally distributed throughout the mine. The abandoned workings and lubricating oil are properly safeguarded. The ventilating doors are properly constructed and hung, breakthroughs are of proper width, and right distance apart. Permission not given for the use of curtains. Roads and drains are kept free from accumulated waste. Electric wiring is properly strung and safeguarded. Exhaust from engine is properly carried off. The number of fire extinguishers in mine is six, placed in easy access in case of fire. Boiler and engine rooms are properly constructed. Operators provide proper equipped wash room for the men. There is sufficient means of egress for men employed and escape shaft provided with stairway. A speaking tube is installed and the cages are properly covered and constructed, safety clutches are approved and safety gates provided. This mine keeps a daily record of the condition of machinery used for hoisting purposes, and the provisions of the law as to hoisting and lowering men

Digitized by Google

are obeyed. Exit sign boards are properly posted. All escape ways are free from foul air, ice and obstruction. The shaft is properly lighted at the top and opening. Places of refuge are provided and kept free from obstructions. A signal code is posted in plain view of engineer and in other places designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props are sufficient for safety. General condition of the mine is fair.

PERE MARQUETTE COAL CO., No. 3.—R. M. Randall, Manager. One weighman was employed by the company on the date of inspection which was July 25, 1917. He had qualified by taking the oath of office. The last survey made of this mine as shown by the mine map was June 1, 1917. There are 22,000 cubic feet of air at the intake per minute, properly distributed throughout the mine. All necessary precautions are taken to safeguard the lives and health of the men employed. The ventilating doors are properly constructed and hung. The breakthroughs are of proper width and right distance apart. Lubricating oil is guarded from fire. Roads and drains are kept free from accumulated waste. Electric wiring is properly strung and safeguarded. Exhaust from engine is properly carried off. The number of fire extinguishers in this mine is six, they are placed in such a position as to be in easy access in case of fire. Boiler and engine rooms are properly constructed. Operator provides properly equipped wash rooms for the men. There is sufficient means of egress for men employed, escape shaft having a stairway. Speaking tube is installed, cage is properly covered and constructed, safety clutches are approved and safety gates provided. A daily record is kept of the condition of machinery used for hoisting purposes. The manner of hoisting and lowering men as provided by law is obeyed. Exit signboards properly posted. Escape ways are free from foul air, ice and other obstructions. Shafts have proper lights at top and opening. Places of refuge are provided and kept free from obstructions. A code of signals is posted in plain view of the engineer and in other places designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety. The general conditions of this mine are good.

SHIAWASSEE COAL CO., No. 1.—R. M. Randall, Manager. Inspection made October 11, 1917. Number weighmen employed by the company one, and by the men one, they qualified by taking the oath of office. The date of last survey as shown by the map of the mine was July, 1917. All abandoned workings are safeguarded. Number cubic feet of air entering intake is 36,000 per minute, which is not properly distributed throughout the mine. Mine does not generate gas. The necessary precautions taken to safeguard employes. Ventilating doors are properly constructed and hung, breakthroughs are of proper width and right distance apart. Lubricating oil is guarded from fire. All roads and drains are kept free from accumulated waste. Electric wiring properly strung and safeguarded. Exhaust from engines properly carried off. The number of fire extinguishers in this mine are six, and so placed as to be in easy access in case of fire. The boiler and engine room is properly constructed. There are properly equipped wash rooms for men. Sufficient means of egress is provided and escape shaft has stairs. A

Digitized by Google

speaking tube is installed, cage properly covered and constructed, safety clutches approved and safety gates provided. A daily record is kept of conditions of machinery used for hoisting purposes and in hoisting and lowering men the law is obeyed. All exit signboards are properly posted. Escape ways are free of foul air, ice and other obstructions. Proper lights are used at top and opening of shaft. Places of refuge are provided and kept free from obstructions. A code of signals is posted in plain view of engineer and in other places designated by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety. The general condition of this mine is fair.

TUSCOLA COUNTY.

Akron Mine No. 2.—Charles Handy, Manager. This mine was inspected September 20, 1917. The company employed one weighman and the employes one, both of whom have qualified by taking the oath of office. A survey was made of this mine in September, 1917, as shown by the mine map. All abandoned workings are properly safeguarded. 32,750 cubic feet of air enters the intake per minute, which is not properly distributed throughout the mine. All precautions are taken to safeguard the employes. Ventilating doors are properly constructed and hung. The breakthroughs are of proper width and right distance apart. Lubricating oil guarded from fire. All roads and drains are kept free from accumulated waste. The electric wiring is properly strung and safeguarded. Exhaust from engine is properly carried off. The number of fire extinguishers in the mine is six, and are placed in easy access in case of fire. Boiler and engine rooms are properly constructed. Operators furnish a wash room for the men. There is sufficient means of egress for men employed. The escape shaft is equipped with stairway. A speaking tube is provided, cage properly covered, constructed; safety clutches approved and safety gates provided. A daily record is kept of the conditions of the machinery used for hoisting purposes. The provisions for hoisting and lowering of men as provided by law are obeyed. Exit signboards are properly posted. All escapeways are free from foul air, ice and obstructions. A proper light is used at top and opening of shaft. Places of refuge are provided and kept free from obstructions. The signal code is posted in plain view of the engineer and other places as prescribed by law. Stretchers, blankets and bandages are provided. Timber is provided and props used are sufficient for safety. The general conditions of the mine are fair.

CALHOUN COUNTY.

B. S. K. Coal Mining Co., at Albion, is the only mine developed in this county. W. A. Knapp is Manager. The engines. boiler, cages, safety clutches, hoisting cables, scales, traveling ways, escape shaft and stairway in shaft are all in good condition.

GENESEE COUNTY.

What Cheer Mine No. 2.—Manager A. N. Fancher. This is a new shaft near the City of Flint. A coal vein of good quality has been struck. All precautions are being taken to safeguard the employes.

Digitized by Google

SHIAWASSEE COUNTY.

SUPERIOR COAL CO., No. 1.—Manager, W. E. Evans. All weights, measures and scales are correct. The company and the employes each employ one weighman, both of whom are qualified. This mine was inspected on January 18, 1917, and the last survey was made, as shown by the mine map in January, 1917. General conditions of this mine are fair.

I have in every way tried to promote the health and safety of the employes of the mines while in the performance of my official duties. The operators, superintendents and others in charge of the several mines have treated me courteously, for which I sincerely thank them. The short time I have been connected with the Department has been most pleasant, and I sincerely hope great good has been accomplished.

Very respectfully yours,

DUNCAN REID,
Coal Mine Inspector.

Digitized by Google

MICHIGAN COAL MINES.

Counties where located, names of managers and postoffice addresses.

Name of mine.	County where located.	Name of manager.	Address.
1. Robert Gage Coal Co., No. 6	Bay	Chas. Coryell	Bay City.
2. Robert Gage Coal Co., No. 7	Bay	Chas. Coryell	Bay City.
3. Beaver Coal Co	Bay	Chas. Coryell	Bay City.
4. Wolverine Mine, No. 2	Bay	R. M. Randall	Saginaw.
5. Wolverine Mine, No. 3	Bay	R. M. Randall	Saginaw.
6. What Cheer Mine, No. 1	Bay	A. N. Fancher	Bay City.
7. Sun Coal Co	Bay	O. L. Callahan	Bay City.
8. B. S. K. Coal Mining Co	Calhoun	W. A. Knapp	Albion.
9. American Sewer Pipe Co	Eaton	C. H. Earl	Grand Ledge.
10. New Riverside Coal Co	Eaton	Homer O. Pickens	Grand Ledge.
11. What Cheer Mine, No. 2	Genesee	A. N. Fancher	Bay City.
12. Robert Gage Coal Co., No. 2	Saginaw	Chas. Coryell	Bay City.
13. Robert Gage Coal Co., No. 3	Saginaw	Chas. Coryell	Bay City.
14. Robert Gage Coal Co., No. 8	Saginaw	Chas. Coryell	Bay City.
15. Banner Coal Co	Saginaw	Wm. B. Carmichael	Saginaw.
16. Bliss Coal Mining Co	Saginaw	C. E. Linton	Saginaw.
17. Consolidated Coal Co	Saginaw	R. M. Randall	Saginaw.
18. Pere Marquette, No. 3	Saginaw	R. M. Randall	Saginaw.
19. Chappel & Fordney, No. 2	Saginaw	R. M. Randall	Saginaw.
20. Caledonia Coal Co	Saginaw	Chas. Coryell	Bay City.
21. Corunna Coal Mining Co	Shiawassee	Julius Amalka	Corunna.
22. Superior Coal Co	Shiawassee	J. E. Evans	Corunna.
23. Akron Mine, No. 2	Tuscola	Chas. Handy	Bay City.

COAL MINE ACCIDENTS.

Nature of accidents occurring in the coal mines of Michigan—1917.

Name of mine.	County where located.	Number accidents.	Fatal.	Serious.	Severe.	Slight.
Robert Gage Coal Co., No. 6	Bay	52		10	20	22
Robert Gage Coal Co., No. 7	Bay	51		6	10	35
Beaver Coal Co	Bay	54		2	14	38
Sun Coal Mining Co	Bay	2				2
What Cheer Mine, No. 1	Bay	6	1	2	2	1
Wolverine Mine, No. 2	Bay	27		3	8	16
Wolverine Mine, No. 3	Bay	7			4	3
What Cheer Mine, No. 2	Genesee	15		2	3	10
Banner Coal Co	Saginaw	4		2		2
Bliss Coal Mining Co	Saginaw	14	1		4	9
Chappell & Fordney, No. 2	Saginaw	3		1	1	1
Robert Gage Coal Co., No. 2	Saginaw	69		6	28	35
Robert Gage Coal Co., No. 3	Saginaw	6		2	1	3
Robert Gage Coal Co., No. 8	Saginaw	11	1	6	4	
Pere Marquette Mine, No. 3	Saginaw	9		2	3	4
Riverside Coal Co., No. 2	Saginaw	2	1			1
Shiawassee Coal Co	Saginaw	16		3	5	8
Uncle Henry Coal Co., No. 2	Saginaw	8				3
Akron Mine, No. 2	Tuscola	1				1
Total accidents occurring		352	4	47	107	194

Digitized by Google

Consolidated monthly report of Michigan coal mines for the year.

DECEMBER.

Number mines operating.	Name of county.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
6	Bay	981	7.6	24.5	$3 77	$90,662 28	34	6	969	10,369	56,766	$130,391 72	$1 79
1	Calhoun	6	8	20	3 00	360 00	.....	.....	.....	360	.....	900 00	2 66
2	Eaton	3	8	26	2 50	195 00	.....	.....	.....	29	.....	58 00	2 00
6	Saginaw	777	8	24	4 06	75,260 42	5	6	524	2,165	57,724	106,293 50	1 78
1	Tuscola	135	8	24	3 27	10,584 80	.....	1	57	1,173	4,693	11,145 40	1 90
16	Totals	1,902	7.7	24.2	$3 85	$177,062 50	39	13	1,550	14,096	119,183	$248,788 62	$1 87

JANUARY.

6	Bay	995	7.9	25	$3 74	$95,395 23	37	6	912	10,662	58,940	$136,515 09	$1 96
1	Eaton	5	8	26	2 20	286 00	.....	.....	.....	116	.....	286 00	2 46
7	Saginaw	801	7.9	24.9	4 09	82,123 57	7	7	699	6,181	58,439	116,034 57	1 79
1	Tuscola	175	8	26	3 27	14,878 50	.....	1	77	1,479	5,915	14,048 60	1 90
15	Totals	1,976	7.9	25.6	$3 81	$192,683 30	44	14	1,688	18,438	123,294	$266,884 26	$1 88

FEBRUARY.

6	Bay	1,001	7.9	20.8	$3 61	$75,274 54	67	6	773	9,029	45,874	$108,242 98	$1 97
1	Calhoun	20	7	20	3 00	1,200 00	.....	.....	.....	284	.....	568 00	2 00
2	Eaton	5	7	19.6	2 61	260 40	.....	.....	.....	123	.....	319 44	2 59
7	Saginaw	799	7.9	21.4	4 10	71,351 60	3	7	586	4,604	48,253	99,388 51	1 88
1	Tuscola	175	8	20	3 25	11,375 00	.....	1	59	1,126	4,502	10,805 76	1 92
17	Totals	2,000	7.9	20.9	$3 81	$159,461 54	70	14	1,418	15,166	98,629	$219,324 69	$1 93

Digitized by Google

Consolidated monthly reports of Michigan coal mines for the year.—Continued.

MARCH.

Number mines operating.	Name of county.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
6	Bay	982	7.8	26.2	$3 79	$100,519 97	95	6	994	11,259	58,955	$144,846 38	$2 06
1	Calhoun	23	7	20	3 00	1,380 00	.....	.....	.....	708	.....	1,416 00	2 00
2	Eaton	4	7.5	23.5	2 35	218 80	.....	.....	.....	104	.....	240 00	2 31
7	Saginaw	770	7.9	25.2	4 34	84,461 60	4	7	593	6,242	56,176	96,460 10	1 55
1	Tuscola	175	8	22	3 25	12,512 50	.....	1	56	1,162	4,648	11,155 20	1 92
17	Totals	1,954	7.8	25.4	$4 01	$199,092 87	99	14	1,643	19,475	119,779	$254,117 68	$1 82

APRIL.

Number mines operating.	Name of county.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
6	Bay	954	7.8	19.8	$4 02	$76,609 62	17	6	688	8,805	40,657	$109,919 81	$2 23
1	Calhoun	11	8	8	3 00	264 00	.....	.....	.....	487	.....	974 00	2 00
2	Eaton	3	7	21.6	1 93	125 00	.....	.....	.....	55	.....	135 00	2 45
7	Saginaw	724	7.9	20.1	4 46	68,708 34	3	7	461	4,554	43,281	97,409 50	2 04
1	Tuscola	165	8	15	3 27	8,093 25	.....	1	33	663	2,652	8,022 30	2 42
17	Totals	1,857	7.8	19.4	$4 27	$153,800 21	20	14	1,182	14,564	86,590	$216,460 61	$2 14

MAY.

Number mines operating.	Name of county.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
6	Bay	842	8	22.6	$4 45	$84,749 01	40	6	800	10,041	47,569	$130,916 49	$2 27
1	Calhoun	24	7	16	3 00	1,052 00	.....	.....	.....	901	.....	3,589 00	3 98
1	Eaton	1	7	26	2 50	65 00	.....	.....	.....	29	.....	65 00	2 24
6	Saginaw	714	8	23.4	4 45	74,403 08	.....	6	432	3,730	48,107	104,622 47	2 02
1	Tuscola	150	8	20	3 50	10,500 00	.....	1	52	941	3,765	11,435 58	2 43
15	Totals	1,731	7.9	22.5	$4 39	$170,769 09	40	13	1,284	15,642	99,441	$250,628 54	$2 46

Digitized by Google

JUNE.

6	Bay	967	8	21.8	$4 06	$85,627 36	51	6	773	6,415	40,956	$126,053 02	$2 66
1	Calhoun	27	7	20	3 00	1,620 00	.....	.....	.....	979	.....	3,894 00	3 10
1	Eaton	1	7	24	3 50	84 00	.....	.....	.....	25	.....	55 00	2 20
6	Saginaw	712	8	19.6	4 44	62,264 38	6	6	354	2,442	36,711	91,611 97	2 34
1	Tuscola	135	8	20	3 95	12,665 00	.....	.....	.....	941	3,765	13,765 00	2 50
15	Totals	1,842	7.9	20.7	$4 25	$162,260 74	57	12	1,127	10,802	81,432	$235,378 99	$2 55

JULY.

6	Bay	957	8	21.7	$4 22	$87,538 95	52	6	700	8,597	44,272	$124,774 59	$2 36
1	Calhoun	26	7	18	3 00	1,404 00	.....	.....	.....	864	.....	4,475 00	5 18
1	Eaton	1	7	20	3 00	60 00	.....	.....	.....	16	.....	35 00	2 19
9	Saginaw	768	8	22.5	4 41	76,785 80	4	7	506	2,610	43,078	112,252 77	2 46
1	Tuscola	140	8	20	3 98	11,144 00	.....	1	50	967	3,870	13,467 60	2 48
18	Totals	1,892	7.9	21.8	$4 30	$176,932 75	56	14	1,256	13,054	91,220	$255,004 96	$2 45

AUGUST.

6	Bay	966	8	23.3	$4 11	$92,415 26	16	5	729	6,772	48,808	$127,203 07	$2 25
1	Calhoun	24	6	20	3 00	144 00	.....	.....	.....	1,670	.....	5,336 00	3 20
1	Eaton	1	7	20	2 50	50 00	.....	.....	.....	17	.....	43 00	2 53
9	Saginaw	808	8	21.7	4 68	82,036 91	4	9	582	6,468	43,004	116,667 01	2 36
1	Tuscola	135	8	22	3 27	9,710 90	.....	1	51	988	3,950	12,345 00	2 50
18	Totals	1,934	7.9	22.5	$4 24	$184,357 07	20	15	1,362	15,915	95,762	$261,594 08	$2 34

SEPTEMBER.

7	Bay	943	7.9	21.2	$4 39	$88,742 42	9	7	691	7,520	42,584	$121,041 73	$2 22
1	Calhoun	24	6	20	3 00	1,440 00	.....	.....	.....	1,718	.....	6,327 00	3 68
1	Eaton	1	7	26	3 00	78 00	.....	.....	.....	33	.....	70 00	2 12
1	Genesee	75	8	25	3 95	7,406 25	.....	1	5	225	.....	630 00	2 80
9	Saginaw	820	7.8	20.6	4 41	75,274 58	3	9	554	7,714	35,334	99,374 65	2 31
1	Tuscola	135	8	19	4 00	10,260 00	.....	1	48	868	3,473	10,785 68	2 48
20	Totals	1,998	7.8	20.9	$4 39	$183,202 25	12	18	1,298	18,078	81,391	$238,229 06	$2 40

Digitized by Google

Consolidated monthly report of Michigan coal mines for the year.—Concluded.

OCTOBER.

Number mines operating.	Name of county.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
7	Bay	899	7.8	24.2	$5 03	$109,516 22	12	7	859	8,432	51,363	$150,972 16	$2 52
1	Calhoun	18	7	20	5 00	1,800 00	.....	.....	.....	850	.....	2,700 00	3 18
1	Eaton	2	7	25	4 00	200 00	.....	.....	.....	67	.....	180 00	2 69
1	Genesee	65	8	25	4 93	320 45	10	1	25	.....	1,854	5,562 00	3 00
9	Saginaw	869	7.7	24	4 73	98,602 85	4	9	634	9,310	41,496	149,393 08	2 94
3	Shiawassee	30	7.7	20.7	3 46	2,145 94	.....	3	160	614	.....	2,528 00	4 16
1	Tuscola	135	8	22	3 25	9,652 50	.....	1	49	1,293	5,168	16,152 50	2 50
23	Totals	2,018	7.8	23.9	$4 61	$222,237 96	26	21	1,727	20,566	99,881	$327,487 74	$2 72

NOVEMBER.

Number mines operating.	Name of county.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
7	Bay	940	7.8	23.9	$5 65	$12,016 20	11	7	931	7,313	54,576	$183,943 88	$2 97
1	Calhoun	18	7	20	6 00	216 00	.....	.....	.....	900	.....	3,500 00	3 89
2	Eaton	5	7.4	21.6	3 18	343 50	.....	.....	.....	128	.....	461 50	3 61
1	Genesee	65	8	25	5 00	8,125 00	.....	1	25	100	1,800	5,700 00	3 00
9	Saginaw	948	7.6	23	4 88	106,386 00	.....	9	640	6,992	42,136	161,323 75	3 28
2	Shiawassee	32	7.6	23.2	3 88	2,884 32	.....	2	181	727	.....	3,919 10	5 40
1	Tuscola	136	8	24	3 28	10,719 04	.....	1	48	1,200	5,010	15,400 80	2 48
23	Totals	2,144	7.7	23.5	$4 97	$250,690 06	11	20	1,825	17,360	103,522	$374,249 03	$3 10

Digitized by Google

Consolidated yearly report.

Number mines operating.	Name of county.	Number men employed.	Average hours worked per day.	Average days worked per month.	Average daily wages.	Aggregate daily wages.	Number gallons illuminating oil used.	Number mines using powder.	Number kegs of powder used.	Number tons of picked coal mined.	Number tons of machine coal mined.	Total cost of output.	Average cost per ton.
16	December, 1916	1,902	7.7	24.2	$3 85	$177,062 50	39	13	1,550	14,096	119,183	$248,788 62	$1 87
15	January, 1917	1,976	7.9	25.6	3 81	192,683 30	44	14	1,688	18,438	123,294	266,884 26	1 88
17	February	2,000	7.9	20.9	3 81	159,461 54	70	14	1,418	15,166	98,629	219,324 69	1 93
17	March	1,954	7.8	25.4	4 01	199,092 87	99	14	1,643	19,475	119,779	254,117 68	1 82
17	April	1,857	7.8	19.4	4 27	153,800 21	20	14	1,182	14,564	86,590	216,460 61	2 14
15	May	1,731	7.9	22.5	4 39	170,769 09	40	13	1,284	15,642	99,441	250,628 54	2 46
15	June	1,842	7.9	20.7	4 25	162,260 74	57	12	1,127	10,802	81,432	235,378 99	2 55
18	July	1,892	7.9	21.8	4 30	176,932 75	56	14	1,256	13,054	91,220	255,004 96	2 45
18	August	1,934	7.9	22.5	4 24	184,357 07	20	15	1,362	15,915	95,762	261,594 08	2 34
20	September	1,998	7.8	20.9	4 39	183,202 25	12	18	1,298	18,078	81,391	238,229 06	2 40
23	October	2,018	7.8	23.9	4 61	222,237 96	26	21	1,727	20,566	99,881	327,487 74	2 72
23	November	2,144	7.7	23.5	4 97	250,690 06	11	20	1,825	17,360	103,522	374,249 03	3 10
	Aggregate	.....	.....	.....	.....	$2,232,550 34	494	.....	17,360	193,156	1,200,124	$3,148,148 26	.....
	Average	1,938	7.8	22.6	$4 25	.....	.....	.....	1,447	15,347	100,011	.....	$2 27

Digitized by Google

SUMMARY FOR THE YEAR.

Number of Mines in Operation During the Year.

Average number men employed	1,938
Average number hours worked per day	7.8
Average number days worked per month	22.6
Average daily earnings of each employe	$4.25
Aggregate amount paid per month	$2,232,550.34

Total number gallons of oil used	494
Total number kegs of powder	17,360
Aggregate output of mines in tons, of picked coal	184,155
Aggregate output of mines in tons, machine coal	1,200,124
Total number tons of coal mined	1,384,279
Aggregate cost of output	$3,148,148.26
Average cost of coal per ton	$2.27

Digitized by Google

BOAT INSPECTION

Digitized by Google

Digitized by Google

OFFICE OF STATE BOAT INSPECTOR.

January 2, 1918.

Hon. Richard H. Fletcher, Commissioner of Labor, Lansing, Mich.:

DEAR SIR:—I have pleasure in submitting herewith my yearly report as inspector of marine equipment on the inland waters of the State for the year 1917. Owing to the shortage of labor required to operate boats, such as masters, pilots and engineers, the shortage being caused by the attractive wages in munitions factories, to enlistments and drafts into the army, a perceptible falling off in the number of boats put in operation for the season of 1917 was caused, thereby causing a decline in the number of inspections made and certificates issued. The same thing holds true in the decrease of the number of licenses issued.

During the season there were issued 97 engineer and pilot licenses, two master and engineer licenses and four engineer licenses. There were inspected 87 passenger boats plying on the inland waters of the State. It gives the inspector great pleasure to inform you that each and every one of these boats operated for hire, complied strictly with the law governing such crafts. The owners and operators have come to a realization of the importance of the law under which these boats are operated and so seem pleased and willing to cooperate with the inspector in complying with orders issued, which makes for better and safer transportation on the inland waters of the State. To the thoughtless person this branch of the service perhaps would seem unimportant, but when one stops to consider that thousands of pleasure seekers are carried during the operating season and the opportunity presented for grave accidents, it is apparent that it is one of the most important services that can be rendered by the State.

Very respectfully,

JAMES McLARTY,
State Boat Inspector.

Digitized by Google

STEAMBOAT INSPECTION.

Licenses issued during the year 1917.

Address.	Name.	Occupation.	Name of vessel.	Fee.
Ann Arbor	Fred C. Goddard	Engineer and pilot	Maggie G	$5 00
Ann Arbor	William K. Bowen	Engineer and pilot	Leisure	5 00
Battle Creek	H. P. Hewitt	Engineer and pilot	Lady Isobel	5 00
Battle Creek	William R. Shafer	Engineer and pilot	Pearl	5 00
Battle Creek	John Wagner	Engineer and pilot	Detroit	5 00
Battle Creek	Guy F. Yauger	Engineer and pilot	Cayuga	5 00
Battle Creek	H. W. Yauger	Engineer and pilot	Cayuga	5 00
Battle Creek	J. S. Moore	Engineer and pilot	La Verdo	5 00
Bensonia	C. E. Case	Engineer and pilot	Bensonia	5 00
Berrien Springs	Clyde W. Rockey	Engineer and pilot	Laura May	5 00
Beulah	A. E. Turpening	Engineer and pilot	Tramp	5 00
Beulah	Rolland Struble	Engineer and pilot	Tramp	5 00
Boyne City	Roy J. Winsor	Engineer and pilot	Rapid Transit	5 00
Bradley	S. D. Hilborn	Engineer and pilot	Gull	5 00
Cadillac	Fred Branierd	Engineer and pilot	Speedwell	5 00
Cadillac	Wesley W. Fotch	Engineer and pilot	Y. M. C. A	5 00
Cadillac	John A. Nelson	Engineer and pilot	W. G. Randles	5 00
Cadillac	C. B. Snow	Engineer and pilot	Westover	5 00
Cassopolis	W. H. Hutchins	Engineer and pilot	Robert H	5 00
Coloma	H. B. Newton	Engineer and pilot	Reliance	5 00
Devils Lake	B. B. Comparet	Engineer and pilot	Damon	5 00
Dowagiac	W. E. Tuttle	Engineer and pilot	Fennitha L	5 00
Doster	F. F. Boniface	Engineer and pilot	Mayflower	5 00
Doster	C. A. Merlan	Engineer and pilot	Crystal	5 00
Empire	John M. Ocker	Engineer and pilot	Emma Irene	5 00
Fenton	Ernest Fuller	Engineer and pilot	Redwing	5 00
Fenton	Charles C. Stewart	Engineer and pilot	City of Flint	5 00
Flint	L. W. Smith	Engineer and pilot	Belle	5 00
Flint	W. H. Smith	Engineer and pilot	Belle	5 00
Flint	F. H. Yokey	Engineer and pilot	Wauneta	5 00
Frankfort	D. H. Wright	Engineer and pilot	Badger	5 00
Frankfort	E. J. Parker	Engineer and pilot	Undine	5 00
Fremont	Rollo Martin	Engineer and pilot	Jessie M	5 00
Fremont	E. C. Millard	Engineer and pilot	Idle Hour	5 00
Grand Rapids	Ernest Painter	Engineer and pilot	Major A. B. Watson	5 00
Grand Rapids	Charles Poisson	Master and engineer	Major A. B. Watson	5 00
Grand Rapids	Albert Ten Brock	Engineer	Hasel A	5 00
Grand Rapids	George B. Zindel	Engineer and pilot	North Park	5 00
Grand Rapids	Floyd Lowe	Engineer and pilot	Dolphin	5 00
Grand Rapids	Forest Wright	Engineer and pilot	Winnie W	5 00
Haslett	William A. Sprague	Engineer and pilot	Viola S	5 00
Haslett	Charles H. Robeck	Engineer and pilot	Laurie S	5 00
Hopkins	Martin Wise	Engineer and pilot	Maud	5 00
Houghton Lake	John Mayer	Engineer and pilot	Ray	5 00
Houghton Lake	Earl Robinson	Engineer and pilot	Ellen	5 00
Houghton Lake	R. N. Robinson	Engineer and pilot	Ellen	5 00
Houghton Lake	Charles Sanford	Engineer and pilot	Nipegon	5 00
Houghton Lake	F. C. Bedtetyon	Engineer and pilot	Wetona	5 00
Houghton Lake	J. H. Ostrander	Engineer and pilot	Leona	5 00
Jackson	B. J. Akin	Engineer and pilot	Safety First	5 00
Jackson	E. D. Bailey	Engineer and pilot	Oberlachen	5 00
Jackson	J. A. Odell	Engineer and pilot	Elizabeth	5 00
Jackson	H. Stephens	Engineer and pilot	Elizabeth	5 00
Kalamazoo	J. W. Carl	Engineer and pilot	Carl	5 00
Kalamazoo	George H. Mc Afee	Engineer and pilot	Cora L	5 00
Lakeland	Floyd J. Waters	Engineer and pilot	Hattie M	5 00
Lake Orion	A. V. Foisey	Engineer and pilot	City of Orion	5 00
Lake Orion	Charles Lamphier	Engineer and pilot	Silver Spray	5 00
Lake Orion	C. W. Towsley	Engineer and pilot	Promise	5 00
Lake Orion	C. L. Stine	Engineer	City of Orion	5 00

Digitized by Google

Licenses issued during the year 1917.—Concluded.

Address.	Name.	Occupation.	Name of vessel.	Fee.
Lake Orion	William Healing	Engineer and pilot	Pastime	$5 00
Lake Orion	W. C. Davis	Engineer and pilot	Park Island Queen	5 00
Lansing	E. W. Stoppel	Engineer and pilot	Dorothy S	5 00
Lansing	I. Buck	Engineer and pilot	Dorothy S	5 00
Ludington	Myers Peterson	Engineer and pilot	Marie	5 00
Ludington	Clyde Bush	Engineer and pilot	Helen	5 00
Ludington	A. Peterson	Engineer and pilot	Tillie C	5 00
Ludington	Leslie Bugg	Engineer and pilot	Tillie C	5 00
Ludington	R. B. Beckmeyer	Engineer and pilot	Owl	5 00
Ludington	C. W. Hoyt	Engineer and pilot	Dale	5 00
Ludington	Richard Ferguson	Engineer and pilot	Summer Girl	5 00
Ludington	Joseph Barnhardt	Engineer and pilot	Swan	5 00
Ludington	George F. Barnhardt	Engineer and pilot	Reliance	5 00
Ludington	George Barnhardt	Engineer and pilot	Reliance	5 00
Ludington	J. Youngquist	Engineer and pilot	Bluff Beach	5 00
Manitou Beach	John Talmadge	Engineer and pilot	Pastime	5 00
Manitou Beach	Charles Imerson	Engineer and pilot	Nora I	5 00
Middleville	John Hine	Engineer and pilot	Mildred	5 00
Middleville	W. E. Streeter	Engineer and pilot	Marilla	5 00
Mt. Pleasant	Robert Hyslop	Engineer and pilot		5 00
Mt. Pleasant	William B. Hoag	Engineer and pilot		5 00
Niles	William H. Twogood	Engineer and pilot		5 00
Petoskey	Dana Stradling	Engineer and pilot	Rapid Transit	5 00
Reeds Lake	Morris Goldman	Engineer		5 00
Reeds Lake	Carl Hanner	Engineer		5 00
Roscommon	C. Schroeder	Engineer and pilot	East Bay House	5 00
Shelbyville	Morris England	Engineer and pilot	Minnie E	5 00
Vicksburg	Milo F. Parker	Engineer and pilot	Adams Park	5 00
Walloon Lake	Claud Goker	Engineer and pilot	Magic	5 00
White Pigeon	C. R. Ramsauer	Engineer and pilot	Eliza Jane II	5 00
Watervliet	L. V. Sweet	Engineer and pilot	D. B. S	5 00
Watervliet	C. E. Leslie	Engineer and pilot	Interurban	5 00
Watervliet	J. R. Griffiths	Engineer and pilot	Honeymoon	5 00
Watervliet	Van B. Ludwig	Engineer and pilot	Shamrock	5 00
Yorkville	Roy H. Graham	Engineer and pilot	Juanita	5 00
Yorkville	W. N. Schroder	Engineer and pilot	Ranger	5 00
Yorkville	George Rothwell	Engineer and pilot	Arron	5 00
Yorkville	Martin H. Brown	Engineer and pilot	Michigan	5 00
Yorkville	F. S. Wedge	Engineer and pilot	U. S. Mail	5 00
Yorkville	C. E. Norton	Master	Brownie	5 00
Yorkville	Leonard Lepper	Engineer and pilot	Queen City	5 00
Yorkville	W. B. Cannon	Engineer and pilot	U. S	5 00
Yorkville	J. W. Howell	Engineer and pilot	Battle Creek	5 00

Digitized by Google

Certificates of inspection issued during 1917.

Address.	Name of owner.	Name of vessel.	Motive power.	Number passengers allowed to carry.	Fee.
Ann Arbor	Fred Goddard	Maggie G	Gasoline	30	$5 00
Ann Arbor	William K. Bowen	Leisure	Gasoline	6	.....
Battle Creek	F. C. Wagner	Detroit	Gasoline	21	5 00
Battle Creek	Yawger Brothers	Cayuga	Gasoline	8	.....
Battle Creek	W. R. Shafer	Pearl	Steam	40	5 00
Battle Creek	J. S. Moore	La Verdo	Gasoline	25	5 00
Battle Creek	H. P. Hewitt	Lady Isobel	Gasoline	30	5 00
Bensonia	C. E. Case	Bensonia	Gasoline	12	.....
Berrien Springs	Clyde W. Rockey	Laura May	Gasoline	40	10 00
Beulah	A. E. Terpining	Tramp	Gasoline	8	.....
Boyne City	Roy J. Winsor	Rapid Transit	Gasoline	75	15 00
Bradley	S. D. Hilborn	Gull	Gasoline	8	.....
Cadillac	Y. M. C. A	Y. M. C. A	Gasoline	20	.....
Cadillac	C. B. Snow	W. G. Randles	Steam	40	5 00
Cadillac	C. B. Snow	Westover	Steam	100	15 00
Cadillac	Fred Branierd	Speedwell	Steam	35	5 00
Cassopolis	W. W. Hutchings	Imp	Gasoline	20	.....
Cassopolis	W. W. Hutchings	Robert H	Gasoline	30	10 00
Clark's Lake	B. A. Haig	Anna May	Gasoline	32	5 00
Coloma	D. S. Gerber	Reliance	Gasoline	20	5 00
Devils Lake	B. B. Comparet	Damon	Gasoline	35	5 00
Dowagiac	W. E. Tuttle	Fanette L	Steam	50	10 00
Doster	C. A. Merlan	Crystal	Gasoline	9	.....
Doster	A. J. Shelp	Mayflower	Gasoline	30	5 00
Empire	John M. Ocker	Emma Irene	Gasoline	15	.....
Frankfort	E. J. Parker	Undine	Gasoline	30	5 00
Frankfort	E. J. Parker	Ottawa	Gasoline	25	5 00
Frankfort	D. H. Wright	Boalger	Gasoline	12	.....
Flint	W. H. Smith	Belle	Gasoline	75	10 00
Flint	F. H. Gokey	Wauneta	Gasoline	12	.....
Fenton	C. E. Stewart	City of Flint	Gasoline	35	5 00
Fenton	Ernest Fuller	Redwing	Gasoline	36	5 00
Fremont	Rollo Martin	Jessie M	Gasoline	15	.....
Fremont	Millard Brothers	Idle Hour	Gasoline	20	5 00
Grand Rapids	George B. Zindel	North Park	Gasoline	20	5 00
Grand Rapids	Charles Poisson	Major A. B. Watson	Steam	450	20 00
Grand Rapids	Charles Poisson	Dalphin	Gasoline	20	5 00
Grand Rapids	Charles Poisson	Ramona	Gasoline	20	5 00
Grand Rapids	Charles Poisson	Hazel A	Steam	350	20 00
Grand Rapids	F. W. Wright	Winnie W	Gasoline	25	.....
Haslett	Sprague & Reid	Viola S	Gasoline	12	.....
Haslett	Sprague & Reid	Laurie S	Gasoline	35	5 00
Houghton Lake	C. B. Curtis	Ray	Gasoline	30	5 00
Houghton Lake	R. N. Robinson	Ellen	Gasoline	15	5 00
Houghton Lake	Charles Sanford	Nipigon	Gasoline	15	5 00
Houghton Lake	F. C. Bodtelyon	Wetona	Gasoline	25	5 00
Houghton Lake	James H. Ostrander	Leona	Gasoline	20	.....
Jackson	Ben J. Akin	Safety First	Gasoline	8	.....
Jackson	A. E. Bailey	Oberlachen	Gasoline	20	.....
Jackson	Jackson Amusement Co	Elizabeth	Gasoline	75	15 00
Kalamazoo	Frank R. Lemon	Cora L	Gasoline	30	5 00
Lake Orion	Lake Orion Navigation Co	City of Orion	Gasoline	250	20 00
Lake Orion	Lake Orion Navigation Co	Park Island Queen	Gasoline	50	10 00
Lake Orion	Lake Orion Navigation Co	Promise	Gasoline	60	10 00
Lake Orion	Lake Orion Navigation Co	Silver Spray	Gasoline	30	5 00
Lake Orion	Lake Orion Navigation Co	Pastime	Gasoline	40	5 00
Lakeland	Floyd J. Waters	Hattie M	Gasoline	12	.....
Lansing	C. Stoppel	Dorothy S	Gasoline	60	10 00
Ludington	Clyde Bush	Helen	Gasoline	10	.....
Ludington	Peterson Brothers	Marie	Gasoline	30	5 00

Digitized by Google

Certificates of inspection issued during 1917.—Concluded.

Address.	Name of owner.	Name of vessel.	Motive power.	Number passengers allowed to carry.	Fee.
Ludington	Victor Schmidt	Tillie C	Gasoline	55	$10 00
Ludington	R. B. Beckmeyer	Owl	Gasoline	15	.....
Ludington	William Foster	Dale	Gasoline	12	5 00
Ludington	Richard Ferguson	Summer Girl	Gasoline	6	.....
Ludington	George Barnhardt	Swan	Gasoline	10	.....
Ludington	George Barnhardt	Reliance	Gasoline	60	10 00
Manitou Beach	John Talmadge	Pastime	Gasoline	40	5 00
Manitou Beach	Charles Imerson	Nora I	Gasoline	30	5 00
Middleville	Streeter Brothers	Marilla	Gasoline	30	5 00
Shelbyville	M. England	Minnie E	Gasoline	8	.....
Vicksburg	Milo F. Parker	Adams Park	Gasoline	20	.....
Walloon Lake	Claud Gokee	Magic	Gasoline	25	5 00
Watervliet	S. V. Sweet	D. B. S	Gasoline	7	5 00
Watervliet	C. E. Leslie	Interurban	Gasoline	60	10 00
Watervliet	J. R. Griffiths	Honeymoon	Gasoline	60	10 00
Watervliet	V. B. Ludwig	Shamrock	Gasoline	75	15 00
Watervliet	Lawerence Campbell	Old Glory	Gasoline	32	5 00
White Pigeon	Charles R. Ramsauer	Eliza Jane II	Gasoline	15	.....
Yorkville	Roy H. Graham	Juanita	Gasoline	50	10 00
Yorkville	George Rathwell	Arron	Gasoline	31	5 00
Yorkville	William Schrader	Ranger	Gasoline	30	5 00
Yorkville	Martin H. Brown	Michigan	Gasoline	65	10 00
Yorkville	C. E. Norton	Brownie	Gasoline	40	10 00
Yorkville	Leonard Lepper	Queen City	Gasoline	30	5 00
Yorkville	W. B. Cannon	U. S	Gasoline	30	5 00
Yorkville	J. W. Howell	Battle Creek	Gasoline	25	5 00
Yorkville	Floyd S. Wedge	U. S. Mail	Gasoline	25	5 00

Digitized by Google

SUMMARY OF BOAT INSPECTION.

Number Engineer licenses issued	4
Number Engineer and Master licenses issued	1
Number Engineer and Pilot licenses issued	97
Number Master licenses issued	1
Whole number licenses issued	103
Amount received in fees for licenses	$515.00

Certificates of Inspection Issued in 1917.

Number using steam power	7
Number using gasoline power	80
Whole number certificates issued	87
Amount received in fees for inspection	$465.00
Total amount received from certificates and licenses	980.00

Digitized by Google

PRIVATE EMPLOYMENT AGENCIES

Digitized by Google

Digitized by Google

PRIVATE EMPLOYMENT AGENCIES.

The Legislature of 1913 enacted a law designed to regulate the method of conducting the business of private employment agencies in the State for the benefit and protection of the laboring people. General supervision of the enforcement of the law, authority to prescribe rules and regulations for the conduct of the business along equitable lines, receiving of licenses' fees and issuance of licenses was delegated to the Labor Department. The amount of license fees to be paid by private agencies was fixed upon a graduated scale ranging from $25.00 per year, the lowest, which applies to agencies located in cities of less than 200,000 population, to $100.00 per year, the highest, applies to agencies operating in cities of over 200,000 inhabitants. The law further requires each applicant to furnish a surety bond in the penal sum of $1,000.00 conditioned that the obligor will not violate any of the provisions of the law. Such bond, Act 244, P. A., 1917, is required to be a personal bond with two good and sufficient securities, to be approved by the prosecuting attorney or the circuit judge of the county in which such employment agency is located.

In order to secure accurate knowledge as to the working and sufficiency of the law in serving the purpose for which it was intended and for the protection of those whose interest the statute was enacted for, an investigation was made. This investigation from this standpoint covered a wide field and embraced a fair representation of all kinds of labor, who depend chiefly upon the employment agency for securing work.

From the volume of expression it is apparent that, while the laboring people as a class are naturally independent and are reluctant to accept a service in the form of charity, they are inclined to rebel at the thought of being compelled to pay for something to which they feel inherently entitled, and in the securing of which they expect to deliver value received for the wages they receive in return for their labor. Although there is no question that the present law has done much to relieve the laboring man and woman from the greater portion of the burden of impositions which they were made to suffer under old conditions, judging from the nature of the complaints which have been lodged with this department and the conditions expressed regarding the working of the law, there is a certain amount of exploitation still being practiced in the traffic of labor, to the prompt and effectual elimination of which immediate steps should be taken.

During the year 1917 applications were received and bonds were filed and licenses issued to thirty-five agencies in Detroit; Escanaba, four; Grand Rapids, two; Iron Mountain one; Iron River, one; Kalamazoo, one; Marquette, one; Menominee, one; Pontiac, two; Saginaw, two;

Digitized by Google

Sault Ste. Marie two. The total receipts for 1917 were $3,589.89. Evidently, through an oversight on the part of the Legislature in framing the law these receipts are turned into the general fund of the State Treasurer, whereas, in order that the best results may be obtained in the enforcement of the law, this money should properly be credited to this Department to help defray the expenses of administering the law.

The following table gives in detail the date licenses were issued, name of the applicant, name of the agency, the town where located and the amount of fee paid by each.

Digitized by Google

PRIVATE EMPLOYMENT LICENSE ISSUED IN 1917.

Date.	Name of owners.	Name of bureau.	Town.	Fee.
Jan. 2	William G. Machris	Star Employment Bureau	Detroit	$100 00
Jan. 2	Rhoda Buell	Mutual Employment Office	Detroit	100 00
Jan. 2	Jacob J. Ostalecke	O. K. Employment Agency	Detroit	100 00
Jan. 2	Aubrey Butler	Butler's Employment Agency	Pontiac	25 00
Jan. 2	Chas. P. Rieder	Saginaw Employment Agency	Saginaw	25 00
Jan. 2	John B. Warren & Jos. J. Creamer	Warren & Creamer Employment Agency	Detroit	100 00
Jan. 2	Nellie L. Wren	Sun Agency for Office Employment	Detroit	100 00
Jan. 2	Rudolph G. Stakich	Rudolph's Employment Agency	Detroit	100 00
Jan. 2	A. E. Haslett	Detroit Employment Agency	Detroit	100 00
Jan. 2	Virginia Cornfoot	Wolverine Employment Agency	Detroit	100 00
Jan. 2	Daisy B. Miller	Daisy B. Miller Agency	Detroit	100 00
Jan. 2	Frank R. Chapel	Frank R. Chapel	Sault Ste. Marie	25 00
Jan. 2	Theodore King	Theodore King	Sault Ste. Marie	25 00
Jan. 3	Maude M. Brickan	Service Employment Agency	Detroit	100 00
Jan. 3	Martha E. Watt	Martha E. Watt	Detroit	100 00
Jan. 3	Frank Richards	Frank Richards	Menominee	25 00
Jan. 4	Victor Schlesinger	Globe Employment Agency	Detroit	100 00
Jan. 4	E. K. Corle	Kincaid Employment Agency	Detroit	100 00
Jan. 4	Victor Schlesinger	All Nations Employment Bureau	Detroit	100 00
Jan. 4	Jeanette Kuhnreich	National Employment Agency	Detroit	100 00
Jan. 4	Teresa Taylor	Teresa Taylor	Detroit	100 00
Jan. 4	Owen Gallagher	Gallagher's Labor Agency	Escanaba	25 00
Jan. 5	Edward D. Wholihan & E. Edmiston	Detroit Bond & Reference Co	Detroit	100 00
Jan. 5	Rudolph E. Mack	International Vaudeville Exchange	Detroit	100 00
Jan. 9	Young Women's Christian Assn	Y. W. C. A	Detroit	100 00
Jan. 9	Mary E. Wise	Mary E. Wise	Detroit	100 00
Jan. 9	Gustav Plaza	City Employment Agency	Detroit	100 00
Jan. 9	Orange D. Ford	Antoine Employment Bureau	Detroit	100 00
Jan. 10	Mary J. Sullivan	Mary J. Sullivan	Detroit	100 00
Jan. 17	Henry W. Lucker & Chas. A. Strauss	City of Straits Employment Agency	Detroit	100 00
Jan. 17	N. P. Fleisher	Genesee Employment Agency	Saginaw	25 00
Jan. 17	Frank W. Singler	Singler Employment Agency	Iron River	25 00
Jan. 17	John T. Carbis	Menominee Range Employment Agency	Iron Mountain	25 00
Jan. 24	W. E. Mitchell	U. P. Labor & Supply Co	Escanaba	25 00
Jan. 24	Carl P. Gunderson	Gunderson's Labor Agency	Escanaba	25 00
Feb. 1	Chas. C. Drake	Cadillac Employment Agency	Detroit	91 67
Feb. 1	Hattie Levey	University Employment Agency	Detroit	100 00
Feb. 1	Frank Neumann	Union Booking Office	Detroit	91 67
Jan. 31	Chas. D. Todd	Michigan Audit & Accountant Co	Detroit	100 00
Jan. 31	Mary Jane Malcomson	Collegiate Bureau of Occupation	Detroit	100 00
Mar. 1	Wm. DeBoer	DeBoer Employment Bureau	Grand Rapids	25 00
Mar. 1	John N. Halran & Byron D. Winegar	Escanaba Employment Agency	Escanaba	25 00
Mar. 1	W. C. Houghton	W. C. Houghton	Pontiac	20 85
Mar. 8	Emma Burtraw Raviler & Jennie D. McManus	E. B. R. Amusement Co	Detroit	83 33
Mar. 24	Henry LaVardo	LaVardo Vaudeville Exchange	Grand Rapids	25 00
Mar. 29	Chas. L. Holt	Star Employment Agency	Kalamazoo	20 85
April 3	Saul L. & Samuel W. Kopman	Kopman Employment Agency	Detroit	75 00
June 6	Dennis Hogan & Timothy T. Hurley	Dennis Hogan & Timothy T. Hurley	Marquette	14 85
July 2	Earl Conway	Earl Conway	Detroit	50 00
July 23	Kavanaugh, Jacobs & James N. Likins	Kentucky Employment Agency	Detroit	50 00
Oct. 11	Stanley Zbudowsky	Stanley Zbudowsky	Detroit	25 00
Nov. 8	Jesse B. Hutchins	Jesse B. Hutchins	Detroit	16 67
	Total for the year 1917			$3,589 89

Digitized by Google

Digitized by Google

PRISON AND REFORMATORY STATISTICS

Digitized by Google

Digitized by Google

PRISON AND REFORMATORY STATISTICS.

MICHIGAN STATE PRISON—JACKSON.

Name of Institution, Michigan State Prison.
Where located, Jackson, Mich.
Name of warden, Edward F. Frensdorf, acting warden.

Number of deputy wardens	1	Annual salary	.....	$2,500 00
Number of assistants, wardens	1	" "	.....	1,500 00
Number warden's secretaries	1	" "	.....	1,200 00
Number prison clerks	1	" "	.....	2,500 00
Number assistant clerks	1	" "	.....	1,800 00
Number assistant clerks	1	" "	.....	1,500 00
Number assistant clerks	1	" "	.....	1,200 00
Number chaplains	1	" "	.....	1,500 00
Number chaplain's assistants	1	" "	.....	400 00
Number prison physicians	1	" "	.....	1,500 00
Number engineers	1	" "	.....	2,500 00
Number assistant engineers	1	" "	.....	1,600 00
Number assistant engineers	3	" "	each	900 00
Number bookkeepers	3	" "	each	1,000 00
Number stenographers	2	" "	each	1,200 00
Number special officers	3	" "	each	1,500 00
Number superintendents of school	1	" "	.....	1,400 00
Number stewards	1	" "	.....	1,500 00
Number storekeepers	1	" "	.....	1,200 00
Number hallmasters	1	" "	.....	1,200 00
Number assistant hallmasters	1	" "	.....	900 00
Number night captains	1	" "	.....	1,200 00
Number keepers	14	" "	each	1,000 00
Number keepers	4	" "	each	900 00
Number guards	19	" "	each	900 00
Number guards	2	" "	each	800 00
Number guards	1	" "	.....	600 00
Number wall guards	1	" "	.....	900 00
Number wall guards	15	" "	each	800 00
Number wall guards	1	" "	.....	600 00
Number matrons	1	" "	.....	480 00
Number Supts., clothing Dept.	1	" "	.....	900 00
Number Supts., box Dept.	1	" "	.....	1,000 00
Number Supts., of farm	1	" "	.....	1,800 00
Number overseers of farm	2	" "	each	1,000 00
Number overseers of farm	3	" "	each	1,000 00
Number overseers of farm	2	" "	each	750 00
Number overseers of farm	4	" "	each	600 00
Number Supts. of mails	1	" "	.....	900 00
Number twine plant Supts.	1	" "	.....	2,000 00
Number twine plant foremen	2	" "	each	1,200 00
Number twine plant foremen	3	" "	each	1,000 00
Number canning plant Supts.	1	" "	.....	1,800 00
Number brick and tile plant Supts.	1	" "	.....	1,700 00
Number granite plant Supts.	1	" "	.....	1,800 00
Total number of officials	112	Aggregate salaries of all officials		$117,360 00

Digitized by Google

INMATES.

Whole number inmates, December 15th, 1917	1,183
Increase of inmates during the year	183
Increase of inmates since December 15th, 1912	421

STATE ACCOUNT WORK.

Kind of goods manufactured—Twine, granite, canned foods, brick and tile, brooms, chairs.

	Daily Capacity	Annual Output 1917	Annual Output 1916
Twine plant	55,000 lbs.	13,537,350 lbs.	12,232,300 lbs.
		$2,235,662 75	$1,000,907 00
Brick plant	40,000 brick	86,800 00	65,780 00
Broom shop	6 dozen	7,420 00	10,850 00
Granite shop		37,860 00	33,965 00
Canning factory		72,900 00	136,485 00
Aggregate output for year ending June 30, 1916			$1,247,987 00
Aggregate output for year ending June 30, 1917		$2,448,642 74	

EMPLOYED AT PRISON WORK.

Number in steward's department	47
Number in clothing and laundry departments	29
Number in engineer's department	47
Number on farm, garden, lawns and barns	153
Number in house and hallmaster's department	45
Number in storeroom	10
Number in yard assignments	13
Number in book bindery	6
Number in hospital	7
Number at miscellaneous work	74
Number in chair shop	211
Number in canning department	50
Number in brick plant	84
Number in twine plant	281
Number in granite shop	34
Whole number employed about prison work	1102
Number sick in hospital	11

PRISON FARM.

There are 3328 acres owned by the Prison and 798 acres rented and operated by inmates exclusively. The products are consumed by the prison or used by the canning factory and sold as well as any surplus to Jobbers and Retailers and Consumers.

We do not compile the value of products raised as a large proportion is used in raising stock and cannot accurately give values. We buy our supplies in Michigan when prices are equal.

EDWARD F. FRENSDORF,
Acting Warden.

Digitized by Google

MICHIGAN REFORMATORY—IONIA

Name of institution, Michigan Reformatory.
Where located, Ionia, Michigan.

Name of warden, Otis Fuller		Annual salary		$3,000 00
Number of deputy wardens	1	" "		1,700 00
Number chief clerks	1	" "		1,600 00
Number assistant clerks	1	" "		900 00
Number chaplains	1	" "		1,300 00
Number prison physicians	1	" "		1,200 00
Number chief engineers	1	" "		1,600 00
Night engineer	1	" "		1,100 00
Number Supts. of schools	1	" "		1,100 00
Number stewards	1	" "		1,100 00
Number hall masters	2	" "	each	1,100 00
Number night captains	1	" "		1,000 00
Number keepers	17	" "	each	1,000 00
Number guards	9	" "	each	900 00
Number extra Sunday guards	1	Per Day		2 50
Number matrons	1	Annual salary		600 00
Number Supt. clothing Dept.	1	" "		1,100 00
Number Supt. of construction	1	" "		1,300 00
Number Supt. farm	1	" "		1,500 00
Number Supt. mails	1	" "		1,000 00
Number gatekeepers	2	" "		1,100 00
		" "		1,000 00
Total number of officials	46	Aggregate salaries of all officials		$49,200 00

INMATES.

Whole number inmates December 15, 1917	632
Increase of inmates during the year	28
Increase of inmates since December 15, 1912	17

EMPLOYED ON CONTRACT.

Number of inmates working on contract	423
Name of contractor, Ypsilanti Reed Furniture Co. Kind of goods manufactured, Reed and Fiber Furniture. Number of convicts employed	423
Rate paid per day	$ 50
Number of hours convicts work per day	9
Number of inmates employed on State account work	15
Kinds of goods manufactured, Parts of Automobile Bodies.	
Average hours worked per day	9
Received for labor, State account manufacturing	$8,769 14

Digitized by Google

EMPLOYED AT PRISON WORK.

Whole number convicts employed about prison work	190
Number in steward's department	32
Number making shoes, clothing, etc., for prison	18
Number in engineer's department	19
Number in farm department, farm, garden, lawns, and barns	55
Number in carpenter's department	10
Number in house department	5
Number at miscellaneous work	8
Number aged and infirm	2
Number in hall master's department	33
Number in deputy warden's department	2
Number in chaplain's department	1
Number in teacher's department	1
Number in physician's department	4
Number sick and in hospital	10
Number of inmates who receive personal compensation	425
Average amount per day received by each	12½c
Aggregate overtime earnings paid to inmates during year	$15,000

PRISON FARM.

Number acres in prison farm	891
Is farm operated strictly by prison labor	Yes
Are products of farm and garden mostly consumed in prison	Yes
Are any products of farm and garden sold	Yes
Give list of kinds of product sold.—Hay, vegetables, hogs, wood, etc.	
Aggregate value of all products of farm sold during the year	$9,907 17
What per cent of supplies purchased is of Michigan production	About 70%
What is the average daily cost of maintaining convicts, gross cost	66c
What is the average daily cost of maintaining convicts, net cost	29c

OTIS FULLER,
Warden.

IONIA STATE HOSPITAL.

Name of institution, Ionia State Hospital.
Where located, Ionia, Michigan.
Name of Medical Superintendent,
Robert H. Haskell, M. D. Annual salary $3,000 00

Number assistant physicians	1	"	"	1,500 00
Number clerks	1	"	"	1,600 00
Number assistant clerks	2	"	" each	900 00
	1	"	"	600 00
Number stenographers	1	"	"	480 00
Number engineers	1	"	"	1,500 00
Number of attendants, men	1	"	"	720 00
	2	"	" each	600 00
	2	"	" each	540 00
	4	"	" each	480 00
	5	"	" each	456 00
	7	"	" each	420 00
Number of attendants, women	1	"	"	420 00
	1	"	"	324 00
	3	"	" each	300 00
Number cooks	1	"	"	1,100 00
	1	"	"	600 00
	1	"	"	360 00
Number dairymen	1	"	"	720 00
Number farmers	1	"	"	840 00

Digitized by Google

Number assistant farmers	2	"	"	each	420 00
Number firemen	2	"	"	each	660 00
Number firemen	1	"	"		540 00
Number launderers	1	"	"		840 00
Number laundresses	1	"	"		396 00
Number nightwatchmen	2	"	"	each	780 00
	1	"	"		540 00
Number supervisors	1	"	"		960 00
Number supervisoresses	1	"	"		660 00
Number carpenters	1	"	"		975 00
	1	"	"		945 00
	1	"	"		900 00
Number matrons, employees' building	1	"	"		360 00
Number dining room attendants	1	"	"		660 00
Number truck drivers	1	"	"		720 00
Total number of officials and paid employees	59	Aggregate amount of annual salaries paid all officials and employees			$36,553 82

INMATES.

Total number inmates December 15, 1917	491
Males	426
Females	65
Has number increased or decreased during the year? Increased. How many	14
Has number increased or decreased since December 15, 1912? Increased. How many	52
What percent of inmates perform manual labor, in addition to those doing housework on the wards	27%
What kind of labor do they perform? Farm and garden work, caring for live stock, helpers' work with carpenters, painters, engineer, etc., in laundry, kitchen, bakery and dining rooms, tailor and cobbler shops, etc.	
Has the asylum any other income besides State appropriations? Yes.	
From what source is other income? Sales, from farm largely, small number of private patients and counties and interest on funds.	
What does other income average annually	$5,000 00
How much per day is charged for maintenance of patients, fiscal year, 1917-18	68c
What per cent of supplies is bought in Michigan? Wherever possible, other things being equal, everything.	
What percent of supplies is Michigan product? Impossible to determine.	
Daily cost per capita of maintaining inmates—Fiscal year 1916-17	$.5753

The Ionia State Hospital receives as patients insane inmates of the various prisons, individuals undergoing trial in criminal courts found to be insane, and certain patients in the other State Hospitals considered "dangerous and homicidal." Notwithstanding such an atisocial class to begin with, it has been found by the experience of the last few years that they may be accorded all the modern methods of the civil insane hospital within limits of reason dictated by the demand of the police power obtaining in the large number of its patients. Though handicapped considerably by lack of suitable buildings occupational therapy of real work is practiced to a large degree.

Farm work is specialized in. General agriculture is practiced but most emphasis is laid upon garden crops. The surplus of garden crops above daily consumption is preserved for winter use. A high producing dairy herd is maintained from which surplus male stock for breeding purposes is sold throughout the State. A flock of eight-hundred White Leghorns produces all the eggs the institution uses. To meet the war demand, pork production has been intensified with definite

Digitized by Google

profit. This year, over $5,000.00 of pork will have been sold and a slightly smaller amount consumed. The increased land available as a result of recent special appropriations has been a wonderful aid in keeping down the tremendous increase in cost incident to the war.

The institution needs at the present time more room on the main site to accommodate one-hundred and ten patients now housed in the original buildings of the institution three miles away, a congregate dining hall of sufficient size to accommodate all patients whose mental condition would allow them to eat there, with a compactly arranged kitchen and bakery and sufficient industrial and recreational space within the buildings. The Chapel, for example, contains seats for one-hundred and fifty persons. There are among our population at least three-hundred who should be allowed such privileges.

ROBERT H. HASKELL,
Medical Superintendent.

STATE HOUSE OF CORRECTION AND BRANCH PRISON—MARQUETTE.

Name of institution, State House of Correction and Branch Prison.
Where located, Marquette, Michigan.

Name of warden, James Russell.	Salary of warden		$3,000 00
Name of deputy warden, T. B. Catlin	Annual salary		1,800 00
Number warden's stenographers	1	" "	840 00
Number prison clerks	1	" "	1,800 00
Number assistant clerks	1	" "	900 00
Number Chaplains	2	" " each	400 00
Number prison physicians	1	" "	750 00
Number engineers	1	" "	1,500 00
Number assistant engineers	1	" "	180 00
Number Supts. of schools and mails	1	" "	1,000 00
Number stewards	1	" "	1,200 00
Number hall masters	1	" "	1,100 00
Number keepers	3	" " each	1,000 00
	3	" " each	1,000 00
Number guards, fifteen	8	" " each	900 00
	4	" " each	800 00
Number matrons	1	" "	480 00
Number Supts. of clothing Dept.	1	" "	1,000 00
Number Supts. of box Dept.	1	" "	2,100 00
Number Supts. of farm	1	" "	1,200 00
Give titles and number of other employees and salary of each.			
Foreman lumber yard	1	Annual salary	$900 00
Supt. glove factory	1	" "	1,200 00
Shipping clerk	1	" "	1,200 00
Foreman glove factory	1	" "	1,200 00
Total number of officials	39	Aggregate salaries of all officials	$40,550 00

INMATES.

Whole number of inmates December 15, 1917	378
Decrease of inmates during the year	15
Number of inmates December 15, 1912	290
Increase of inmates since December 15, 1912	88

EMPLOYED ON CONTRACT.

Number inmates employed on State account work	286
Kinds of goods manufactured, gloves, box shooks, lumber for manufacturing shooks.	
Average hours worked per day	8½
Aggregate value of goods manufactured on State account during the year	$520,686 72

Digitized by Google

EMPLOYED AT PRISON WORK.

Whole number convicts employed about prison work	92
Number in steward's department	14
Number making shoes, clothing, etc., for prison	10
Number in engineer's department	13
Number in farm department	11
Number in house department	3
Number at miscellaneous work	18
Number sick in hospital	14
Number aged and infirm	None
Number in hall master's department	5
Number in deputy warden's department	1
Number in library department	1
Number in physician's department	2
Number of inmates who receive personal compensation	286
Average amount per day received by each, glove factory	16c
Average amount per day received by each, box factory	14c

PRISON FARM.

Number of acres in prison farm	324½
Is farm operated strictly by prison labor? Yes.	
Are products of farm and garden mostly consumed in prison? Yes.	
Are any products of farm and garden sold? Yes.	
Give lists of kinds of products sold. Suckling pigs, vegetables, potatoes.	
Aggregate value of all products of farm sold during the year	$1,625 84
What percent of supplies purchased is of Michigan production	75%
What is the average cost of maintaining convicts? Maintenance and operating expenses, per man per year	273 76
After deducting institutional earning, per man per year	149 40
Of a net cost, per day per man	40.9c

DETROIT HOUSE OF CORRECTION.

Name of institution, Detroit House of Correction.
Where located, Russell and Alfred Streets, Detroit, Michigan.

Name of Supt., Bernhardt Jacob	Annual salary			$5,000 00
Assistant Supt.	1	Annual salary		2,400 00
Number of deputy Supts.	1	" "		2,000 00
By whom are religious services conducted? City Clergy.				
Number prison physicians	1	Annual salary		1,300 00
Number hall masters	1	" "		1,020 00
Number clerks	8	" "	each	1,366 66
Number bookkeepers	1	" "		1,900 00
Number stenographers	1	" "		900 00
Number engineers and machinists	2	" "	each	1,588 75
Number overseers	15	" "	each	730 00
Number guards	5	" "	each	588 00
Number matrons	7	" "	each	580 00
Number foremen	9	" "	each	1,319 50
Number teamsters	3	" "	each	900 00
Number carpenters	1	" "		1,125 00
Number cooks	2	" "	each	750 00
Number gardeners	2	" "	each	1,390 00
Number teachers, 1 teacher employed 100 evenings, per evening				2 25
Whole number of officials and paid employes				57
Aggregate annual amount of salaries paid officials and employees				59,389 44

Digitized by Google

INMATES.

Number inmates December 15, 1917	665
Males	596
Females	69
Have inmates increased or decreased in past year? Decreased. How many	128
Have inmates increased or decreased since December 15, 1912? Increased. How many	292
Number inmates in prison sentenced from United States courts	35
How many female inmates who come from State courts of record	51
How many inmates received from United States courts in past twelve months	111
How many inmates received from counties other than Wayne under contract with institution in past twelve months	467
How many inmates received from City of Detroit	4972
How many inmates received from Wayne county other than Detroit in past 12 months	592
What does the government pay per day for keeping United States prisoners	50c
What does the State pay per day for keeping prisoners? Males nothing. Females, per week	1 00
What do the counties under contract for keeping prisoners pay per day	70c
Average cost per day, per capita, for feeding and clothing all prisoners	24½c

GOODS MANUFACTURED.

Give the kind of goods manufactured in the institution and the average number of inmates employed on each kind:

Chair Dept.	310	Prison duties	155
Brush	46	Average on farm for 6 months	29
Button	61	Unassigned or idle	173

Estimated value of all goods manufactured for the year $290,528 47

What per cent of supplies purchased is of Michigan production? No record kept.

BERNHARDT JACOB,
Superintendent.

INDUSTRIAL SCHOOL FOR BOYS—LANSING

Name of institution, Industrial School for Boys.
Where located, Lansing, Michigan.

Name of Supt., Joseph M. Frost.	Annual salary			$2,000 00
Number of assistant superintendents	1	Annual salary		1,300 00
Number supervisors of schools	1	"	"	840 00
Number housekeepers	1	"	"	600 00
Number physicians	1	"	"	600 00
Number dentists	1	"	"	360 00
Number engineers	1	"	"	1,200 00
Nummber clerks and stenographers	1	"	"	840 00
	1	"	"	1,200 00
	1	"	"	400 00
Number male teachers	1	"	"	720 00
	1	"	"	720 00
	1	"	"	840 00
Number female teachers	14	"	" 360 00 to.	540 00
Number teachers of music	1	"	"	480 00
	1	"	"	720 00

Digitized by Google

Number hospital nurses.....	1	" "	660 00
Number others having charge of inmates	17	" " each.....	723 53
Number other employees under salary	32	" " each.....	373 75
Total number officials and paid employees	79	Aggregate salaries paid all officials and employees..	$43,200 00

FARM.

Number acres contained in school farm, under cultivation.....	313,250
Estimated value of all products of farm in 1917.....	$20,000 00
What percent of supplies purchased is of Michigan production.....	85%

Is any of the farming done by the inmates? All except supervision.
Are products of the farm mostly consumed by the school? Yes.

INMATES.

Whole number of inmates December 31, 1917.....	803
Have inmates increased or decreased in past year? Decreased. How many	11
How many more than on December 31, 1912.....	26
What year was school instituted? 1856.	
Total number inmates since school was instituted.....	13,738
How many hours do inmates play daily	2½ hours
Average number of hours inmates work daily.....	4

Kinds of work at which inmates are employed and the number employed at each kind:

Tailor shop.....	85	Boys dining room	44
Printing shop	40	Mending room	48
Shoe shop.....	44	Dormitory and clearing.....	84
Carpenter shop	6	Dairy barn	25
Engine room	12	Farm, garden and grounds..	137
Paint shop.....	6	Sloyd department	131
Bakery	18	Stenography and typewriting.	29
Laundry	20	Office boys.....	4
Officers kitchen	12	Hospital boys.....	4
Boys kitchen.....	40	Weaving department	8
Officers dining room.....	6		

Average daily cost for maintaining the inmates..... 41c

Report any special feature of the school, its conduct and maintenance.

Special effort has been made during the past year to increase the products from the farm. In spite of the unfavorable season we have been able to produce more than double what we had last year.

We have also endeavored to economize as much as possible in the use of coal. We have displaced the 45 H. P. engine, the running of which required three or more tons of coal per day, with a motor, the operation of which costs but 50c per day. We have installed a vacuum pump and have placed traps in all of the buildings and have already attached three additional cottages on the north side to the main heating plant. Plans are under way to attach the six buildings on the south side. When this is done we shall have one central heating plant instead of a number of separate plants. It is estimated that enough coal will be saved during the present year to pay for installing the system.

Digitized by Google

INDUSTRIAL HOME FOR GIRLS—ADRIAN.

Name of institution, State Industrial Home for Girls.
Town where located, Adrian, Lenawee County.

Name of Supt., Mrs. Mary C. Johnson.		Annual salary			$1,800 00
Number of assistant superintendents	1	Annual salary			1,000 00
Number engineers	1	"	"		1,200 00
Number clerks and stenographers	2	"	"	each	700 00
Number musical directors, male	1	"	"		720 00
Number female teachers	8	"	"	each	525 00
Number housekeepers	9	"	"		600 00
	8	"	"	each	525 00
Number laundry teachers	1	"	"		500 00
Number teachers of domestic science	1	"	"		550 00
Number teachers of weaving	1	"	"		400 00
Number managers	8	"	"	each	550 00
Number nurses	1	"	"		700 00
Number teachers of dressmaking	1	"	"		550 00
Number teachers of sewing	3	"	"	each	525 00

Give titles and number of other employees and salary of each.

Hospital assistants	1	"	"		525 00
Relief officers	3	"	"		500 00
Firemen	2	"	"		700 00
	1	"	"		600 00
Watchmen	1	"	"		900 00
Gardener	1	"	"		750 00
Farmer	1	"	"		850 00
Farm hands	2	"	"	each	650 00
Drivers	1	"	"		700 00
Accountants	1	"	"		500 00
Aggregate of the salaries paid all officials and employees					$28,250 00

FARM, ETC.

Number acres contained in school farm	113
Estimated aggregate value of all products of farm in 1917	$4,452 15
What percent of supplies purchased is of Michigan production	95%

What, if any, of the farm work is done by the inmates? Assisting with planting of vegetables and gathering fruits and vegetables.
Are products of farm mostly consumed in school? All.

INMATES.

Whole number inmates December 15, 1917	398
Have inmates increased or decreased in past year? Decreased. How many?	14
How many more or less than on December 31, 1912? More	27
What year was Home instituted	1879
Total number inmates since Home was instituted	3712
Average number hours inmates attend school daily	3½
How many hours do inmates play daily? 2½ and more as time and occasion permit	2½
Average number hours inmates work daily	4

What kinds of work are inmates employed and the number employed at each kind, domestic science, 32; weaving, 4; dressmaking, 35; floriculture, 4; all others systematically employed at various kinds of domestic work in the cottages, washing, ironing, cooking, baking, making beds, cleaning, sewing, mending, knitting, crocheting, etc., being detailed for a period of four

Digitized by Google

months, according to adaptability, inclination and physicial condition.

Average daily cost each for maintaining the inmates..... 52c

Report any special feature of the Home, its conduct. The Art Needlework department has been temporarily abandoned because of difficulty in obtaining material and because of the general high cost of living. However, a great deal of needlework is done in the cottage work rooms especially great quantities of knitting sewing, etc. for the Red Cross.

MARY C. JOHNSON,
Superintendent.

Digitized by Google

Digitized by Google

INDEX

Digitized by Google

Digitized by Google

INDEX.

	Page
INTRODUCTION BY COMMISSIONER OF LABOR	7–24
REPORT OF DEPUTY COMMISSIONER OF LABOR	25–26
FORMER BUREAU OFFICIALS	3
OFFICIAL STAFF OF DEPARTMENT OF LABOR	5
COAL MINE INSPECTION IN 1917:	
Annual Report of Inspector Reid	637–645
Consolidated monthly report of Michigan coal mines	647–650
Consolidated yearly report of Michigan coal mines	651–652
List of coal mines alphabetically by counties	646
Notes on inspection	638–645
Summary of coal mine accidents	646
Summary of coal mine inspection	652
COMPULSORY EDUCATION OF CHILDREN:	
Assistance to be rendered	81
Children to attend school	78–79
Commissioner of schools, duty of	81
Complaint to whom made	81
Employment permit, may be granted	81
Notice to parents, what to state	81
Notice to teachers or superintendents	81
Parents, duty of	81
School census to be furnished	79–80
Truant officers, duty of	81
FACTORIES AND WORKSHOPS INSPECTED IN 1917:	
Classified list of factories given alphabetically	111–352
Comparisons with canvass of 1916	472–473
Number employed, hours of labor, months operated	448–452
Power statistics	453–455
Orders given alphabetically by cities	353–439
Summary of factory and workshop inspection	440–447
FREE EMPLOYMENT BUREAUS:	
Battle Creek	86–87
Bay City	88
Detroit	89–90
Flint	91–92
Grand Rapids	93–94
Jackson	95–96
Kalamazoo	97
Lansing	98–99
Muskegon	99–100
Saginaw	100–108
Summary and character of positions of ten offices combined	102–101
HOTEL INSPECTION IN 1917:	
Alphabetical list of hotels inspected by counties	563–579
Orders issued in hotels	580–589
Summary of hotel inspection	590–599
LABOR LAWS COMING UNDER THE JURISDICTION OF THE DEPARTMENT:	
Coal Mine Laws:	
Accidents, report of	64
Abandoned mines	57
Annual report	64
Bandages	64
Blankets	64
Blasting in mines	65
Boiler and engine room location	59
Breakthroughs and brattices	58
Caps	64

Digitized by Google

LABOR LAWS COMING UNDER THE JURISDICTION OF THE DEPARTMENT:—
Continued. Page
Cause as to property ... 65
Communications, means of ... 62
Defraud, intent to ... 66
Doors ... 58
Egress, two places of ... 60
Electricity ... 59
Engineers, competent and sober ... 63
Escape shaft equipped with hoisting appliances ... 60
Escape shaft equipped with stairways ... 60
Escape shaft, time for constructing ... 60
Escape shaft, ways kept free of foul air ... 61
Explosives, conveying of ... 63–64
Fire extinguishers ... 59
Gasoline engines ... 59
Hoisting men, safety in ... 63
Ice and obstructions ... 61
Inflammable buildings ... 59
Inspector, authority to enter ... 55
Inspector, police power of ... 54–55
Inspector of weights ... 55
Intoxicants ... 65
Lights ... 62
Lights at the top and opening of shaft ... 61
Loading cars, riding ... 65
Map of mines ... 56–57
Mine foreman, duties of ... 64-65
Mine inspector, appointment of ... 54
Oil, purity of ... 58
Oil, regulation of ... 58–59
Penalty ... 66
Pit boss ... 64–65
Props ... 64
Prop roof ... 65
Props, shall not waste ... 66
Refuge, places of ... 62
Safety appliances ... 62
Sanitary conditions ... 66
Signals ... 62
Signals, code of ... 63
Sign boards ... 61
Stable location ... 61
Stretchers ... 64
Surveys ordered ... 56–57
Terms defined ... 53–54
Test weights ... 55
Timbers ... 64
Travelways ... 61
Traveling way around bottom of shaft ... 61
Ventilation ... 57
Wash houses ... 59–60
Weighman to make oath ... 55–56
Department of Labor:
Age certificates ... 33–36
Appropriations ... 31
Appropriation, Annual ... 47
Appliances, construction of ... 44
Assistance ... 47
Belts, safeguards ... 39
Boilers, stationary, steam ... 46
Canning establishments ... 32–33
Children, employment of ... 33–36
Closets ... 39–40
Collecting information of officials ... 31
Commissioner of Labor, Appointment of ... 29
Deputy Commissioner of Labor ... 29–30
Deputies, Reports of ... 40
Doors to open outwardly ... 38
Duties of Department ... 29–30
Elevator openings ... 37–38
Exhaust fans ... 39
Factories, accession to ... 32
Factories, annual inspection of ... 40–41
Factory inspectors, appointment of ... 29
Factory inspectors, power to condemn ... 38
Factor inspectors, powers and duties ... 40
Factory inspectors, who deemed ... 40
Factory, who may visit and inspect during working hours ... 45
Falsely testifying, penalty for ... 32
Fans and blowers to provide ... 44–45
Females and minors, certain work not allowed ... 36–37
Females and miners, employment of ... 32–33
Females, labor in saloon ... 43
Females, seats for ... 43
Fire escapes ... 38
Foundries ... 43
Free Employment Bureaus, creation of ... 46–47

Digitized by Google

LABOR LAWS COMING UNDER THE JURISDICTION OF THE DEPARTMENT:—Continued.

Page

Gearing and dangerous machinery, safeguarded 39
Handrails 38
Hoisting shafts, guarding of 37–38
Hours of labor 32–33
Improvements, inspectors may order 42
Inspections, etc 29–30
Labor law, violation, complaints of 41
Low water alarm 46
Machines to carry away dust 45
Organization of Department of Labor 29
Penalty 47
Permits issued 33–36
Persons operating factories, duties of 44
Powers of Department of Labor 29
Prosecutions 45
Railway cars for sleeping purposes 39–40
Reports, yearly 40–41
Salaries 31
Screens where females are employed 38
Special agents 29–30
Special canvassers 31
Suction pipes, size of 44
Subpoena, failure to obey 30–31
Supervisors and assessors, duties of 31–32
Supplies 31
Tenement house work 41–42
Tenement house work, permits 41–42
Theatrical children 36–37
Wash and dressing rooms 39–40
Well holes 37–38
Witness, examination of 30–31

Hotels:
Certificates, false 52–53
Certificates, where posted 52
Commission, power of 52
Drainage 51
Fire escapes 50–51
Fire extinguishers, chemical 51
Hotel inspector 52
Hotel inspectors, duties of 52
Hotel inspectors, powers granted 52
Inspector, hindrance of 53
Manila ropes 51
Penalty 53
Prosecutions 53
Rooms, how furnished 51–52
Sanitation violations 51
Way of egress obstructed 50–51

Private Employment Agencies:
Fee 49
Fee, disposition of 48
Fee, limit of 49
License required 48
Other things prohibited 50
Penalty 50
Surety bond 48–49
Receipts 49
Register to be kept 49
Repayment 49
Things prohibited 49

Vessel and boat inspection:
Accident reports, to whom made 77
Boilers to be tested 67–68
Certificates, duplicate 68
Certifying falsely 77
Certificates, when they shall continue in force 75
Commissioner may appeal to 66–67
Commissioner, duties of 67
Compensation 76
Dangerous articles not to be carried 74
Deputy, who so deemed 76
Fees, securing 76
Fire apparatus to be carried 71–72
Inspection fee, to whom paid 76
Inspector, qualifications of 66–67
Laws to be posted 75
License, suspension or revocation 77
Life preservers, number of 72
Lights to be carried 71
Master, examination of 73
Name, vessel 73–74
Navigation, Rules of 69–71
Oil 73
Owner responsible for 75
Passengers, receiving and discharging 74
Passengers, transportation in excess of 69

Digitized by Google

LABOR LAWS COMING UNDER THE JURISDICTION OF THE DEPARTMENT:—Continued. Page
Penalty 74
Penalty of additions 76
Pilot and engineer, examination of 73
Report to be made 75
Row boats to be carried 72
Safety valves of boilers, obstruction of 73
Search lights, flashing of 77
Stairways and gangways 69
Steam boats, construction of 69
Steam, quantity to be carried 74
Supplies 76
Witness fees 78
Witnesses, oaths 77

PRISON AND REFORMATORY STATISTICS:
Detroit House of Correction, Detroit 675–676
Industrial Home for Girls, Adrian 678–679
Industrial School for Boys, Lansing 676–677
Michigan Reformatory, Ionia 671–674
Michigan State Prison, Jackson 669–670
State House of Correction and Branch Prison, Marquette 674–675

PRIVATE EMPLOYMENT AGENCIES:
Licenses issued in 1917 665
Private employment agencies 663–664

RECORD OF ACCIDENTS IN 1917:
Nature of business 628–629
Cause of accident 630–633
Result of accident 632–633

RESTAURANT INSPECTION 1917:
Alphabetical list of restaurants inspected by counties 600–615
Orders issued in restaurants 616–621
Summary of restaurant inspection 622–627

STATISTICS FOR SEVENTY LEADING CITIES:
Number employed and average daily wages 456–463
Minimum and maximum hours of labor, power statistics 464–471

STORE INSPECTION:
Orders issued in stores 544–549
Summary of store inspection 550–559
Table showing inspection by counties 477–543

Digitized by Google

Digitized by Google

Digitized by Google